

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053906.D
 Acq On : 22 Feb 2019 10:52
 Operator : JC/SP
 Sample : VN0222WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 22:28:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	694766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1013445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	418195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	333472	46.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.94%	
35) Dibromofluoromethane	7.59	113	324034	48.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1218323	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	397018	50.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	116633	19.322	ug/l	99
3) Chloromethane	2.06	50	150540	20.061	ug/l	99
4) Vinyl Chloride	2.19	62	159708	19.826	ug/l	100
5) Bromomethane	2.57	94	124258	21.064	ug/l	100
6) Chloroethane	2.71	64	104627	20.097	ug/l	99
7) Trichlorofluoromethane	3.02	101	231856	20.269	ug/l	98
8) Diethyl Ether	3.41	74	80364	19.985	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144867	21.014	ug/l	99
10) Methyl Iodide	3.95	142	200095	19.573	ug/l	99
11) Tert butyl alcohol	4.77	59	42104	94.989	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	133021	20.632	ug/l	100
13) Acrolein	3.61	56	36634	115.633	ug/l	97
14) Allyl chloride	4.33	41	205632	21.074	ug/l	99
15) Acrylonitrile	4.99	53	230622	103.281	ug/l	99
16) Acetone	3.82	43	195077	99.898	ug/l	99
17) Carbon Disulfide	4.06	76	402634	20.163	ug/l	99
18) Methyl Acetate	4.33	43	91824	19.924	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	343197	20.980	ug/l	99
20) Methylene Chloride	4.55	84	151439	20.714	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	141759	20.949	ug/l	98
22) Diisopropyl ether	5.95	45	372039	20.453	ug/l	97
23) Vinyl Acetate	5.90	43	1344886	102.847	ug/l	100
24) 1,1-Dichloroethane	5.85	63	251362	20.410	ug/l	100
25) 2-Butanone	6.83	43	231179	91.745	ug/l	97
26) 2,2-Dichloropropane	6.82	77	186245	19.929	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149067	19.664	ug/l	99
28) Bromochloromethane	7.20	49	102328	19.038	ug/l	98
29) Tetrahydrofuran	7.21	42	149221	91.569	ug/l	98
30) Chloroform	7.37	83	236867	19.141	ug/l	97
31) Cyclohexane	7.65	56	221663	19.326	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	203046	19.178	ug/l	99
36) 1,1-Dichloropropene	7.79	75	180420	19.422	ug/l	99
37) Ethyl Acetate	6.92	43	104600	18.844	ug/l	99
38) Carbon Tetrachloride	7.78	117	187125	20.176	ug/l	98

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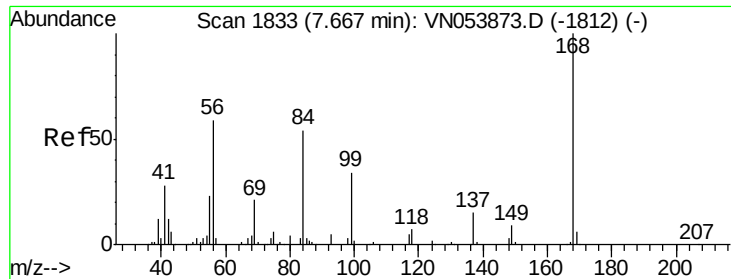
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219800	20.534	ug/l	99
40) Benzene	8.04	78	549690	20.016	ug/l	99
41) Methacrylonitrile	7.19	41	61802m	20.124	ug/l	
42) 1,2-Dichloroethane	8.12	62	159509	19.483	ug/l	99
43) Isopropyl Acetate	8.17	43	179037	18.069	ug/l	98
44) Trichloroethene	8.83	130	157813	20.528	ug/l	99
45) 1,2-Dichloropropane	9.12	63	141137	20.130	ug/l	100
46) Dibromomethane	9.21	93	84987	20.132	ug/l	99
47) Bromodichloromethane	9.40	83	181039	20.328	ug/l	99
48) Methyl methacrylate	9.20	41	81827	19.261	ug/l	91
49) 1,4-Dioxane	9.20	88	25479	384.302	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	459715	94.467	ug/l	100
52) Toluene	10.16	92	338116	20.776	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	174638	20.195	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	208917	20.497	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	121759	20.467	ug/l	98
56) Ethyl methacrylate	10.43	69	133857	19.097	ug/l	99
57) 1,3-Dichloropropane	10.71	76	201912	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	289261	92.775	ug/l	99
59) 2-Hexanone	10.75	43	297102	95.571	ug/l	99
60) Dibromochloromethane	10.90	129	138951	20.010	ug/l	98
61) 1,2-Dibromoethane	11.00	107	114753	19.415	ug/l	99
64) Tetrachloroethene	10.63	164	164125	20.944	ug/l	98
65) Chlorobenzene	11.43	112	372806	20.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	137899	20.601	ug/l	99
67) Ethyl Benzene	11.51	91	607419	20.461	ug/l	100
68) m/p-Xylenes	11.62	106	490968	42.713	ug/l	98
69) o-Xylene	11.95	106	232837	21.041	ug/l	99
70) Styrene	11.96	104	371505	21.394	ug/l	99
71) Bromoform	12.13	173	93716	19.728	ug/l #	100
73) Isopropylbenzene	12.25	105	616633	20.930	ug/l	99
74) N-amyl acetate	12.07	43	126986	18.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	135435	19.444	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	120253m	19.588	ug/l	
77) Bromobenzene	12.53	156	162631	20.578	ug/l	99
78) n-propylbenzene	12.59	91	703853	21.364	ug/l	100
79) 2-Chlorotoluene	12.67	91	416539	20.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	535311	21.890	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34977	18.809	ug/l	97
82) 4-Chlorotoluene	12.77	91	417921	21.118	ug/l	99
83) tert-Butylbenzene	12.99	119	467742	21.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	532588	21.714	ug/l	99
85) sec-Butylbenzene	13.17	105	631204	21.349	ug/l	100
86) p-Isopropyltoluene	13.29	119	558781	21.777	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286697	20.789	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280942	20.246	ug/l	100
89) n-Butylbenzene	13.61	91	448938	21.276	ug/l	99
90) Hexachloroethane	13.87	117	95462	19.474	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	274454	20.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19989	19.667	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139530	18.953	ug/l	100
94) Hexachlorobutadiene	15.01	225	112174	19.880	ug/l	99
95) Naphthalene	15.13	128	247676	18.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135801	19.131	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053906.D

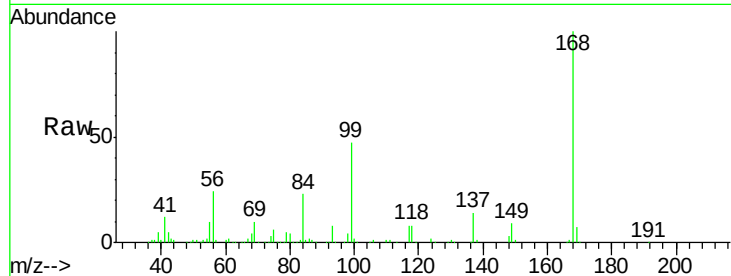
Acq: 22 Feb 2019 10:52

Tot Ion:168 Resp: 694766

Ion Ratio Lower Upper

168 100

99 46.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

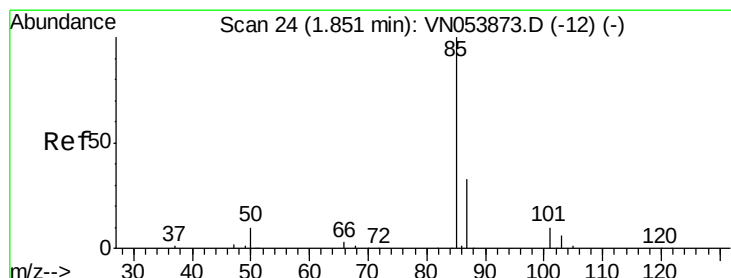
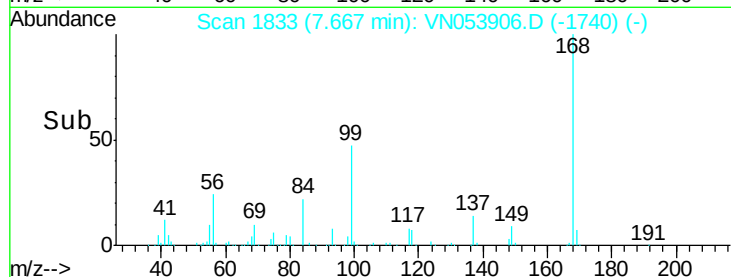
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 19.322 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053906.D

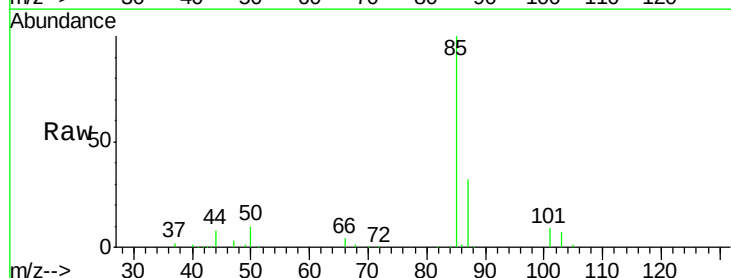
Acq: 22 Feb 2019 10:52

Tgt Ion: 85 Resp: 116633

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

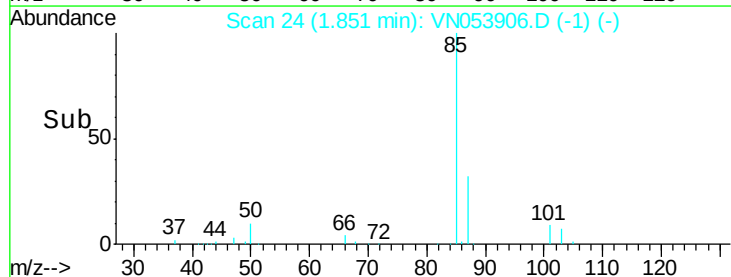
40000

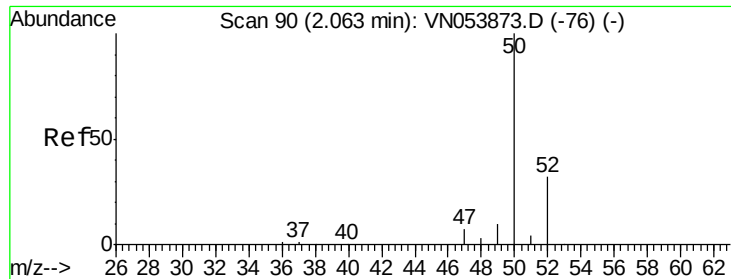
20000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 20.061 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053906.D

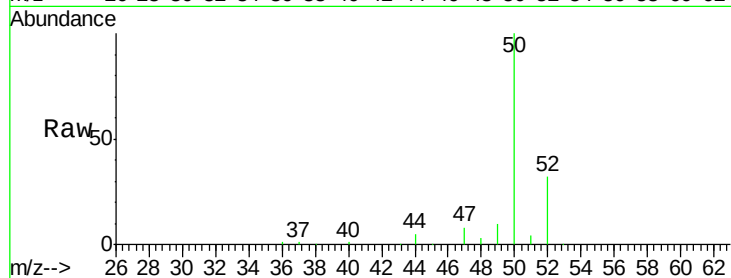
Acq: 22 Feb 2019 10:52

Tot Ion: 50 Resp: 150540

Ion Ratio Lower Upper

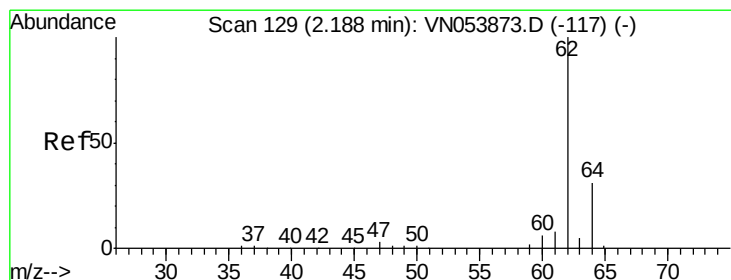
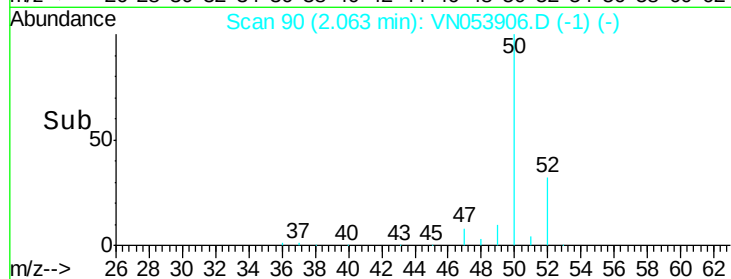
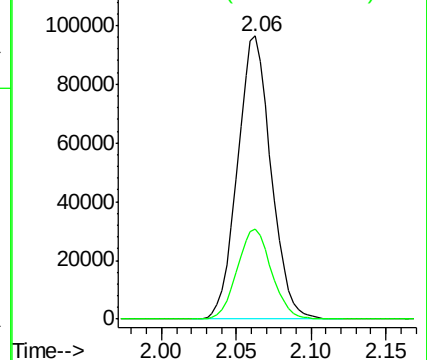
50 100

52 31.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.826 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053906.D

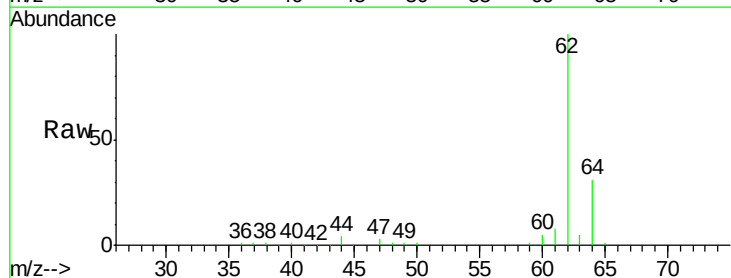
Acq: 22 Feb 2019 10:52

Tgt Ion: 62 Resp: 159708

Ion Ratio Lower Upper

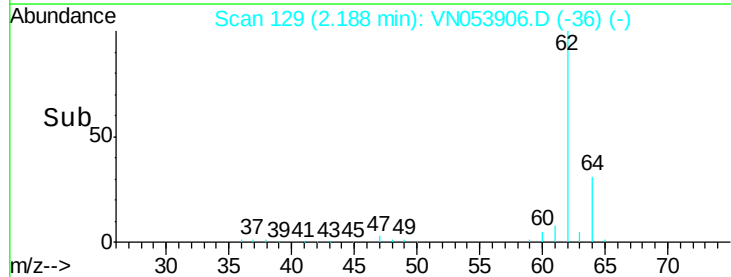
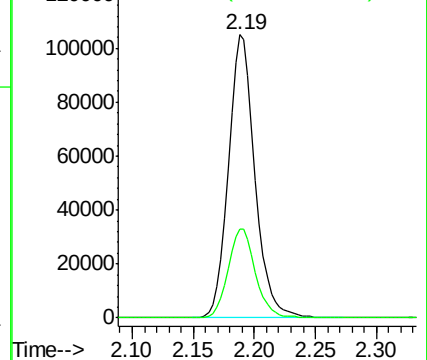
62 100

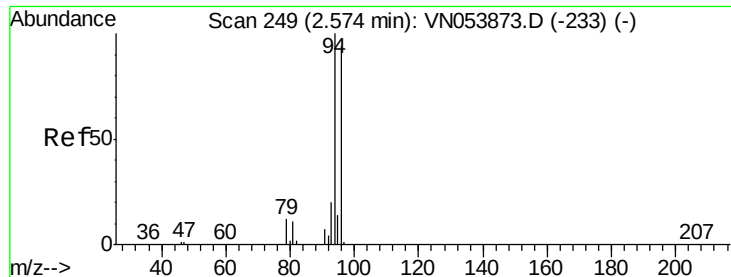
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.064 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053906.D

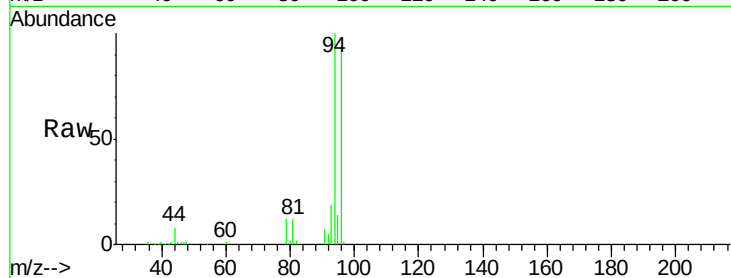
Acq: 22 Feb 2019 10:52

Tot Ion: 94 Resp: 124258

Ion Ratio Lower Upper

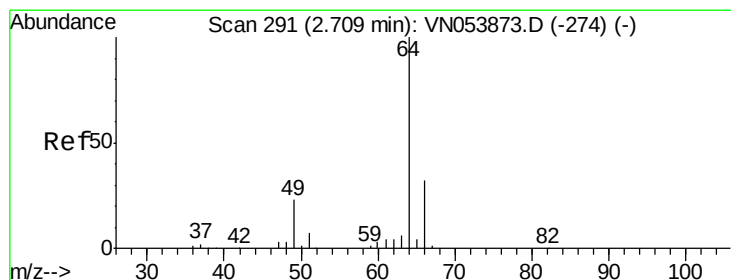
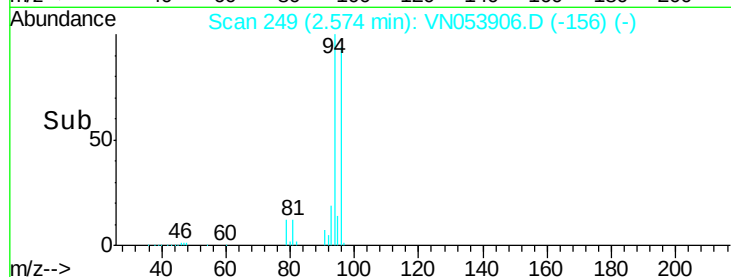
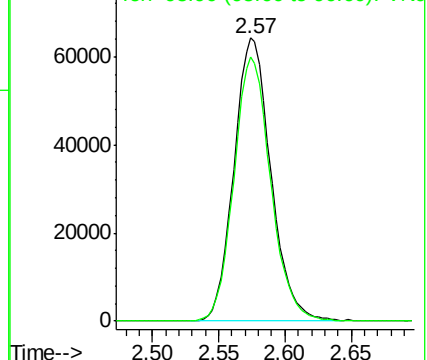
94 100

96 93.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.097 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053906.D

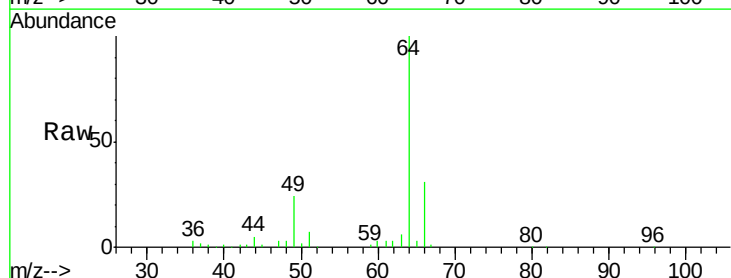
Acq: 22 Feb 2019 10:52

Tgt Ion: 64 Resp: 104627

Ion Ratio Lower Upper

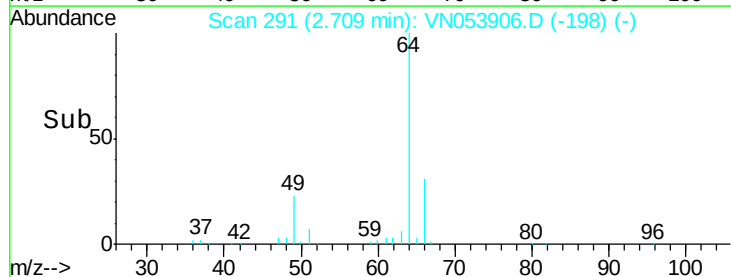
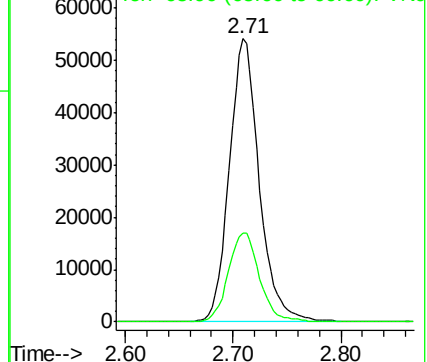
64 100

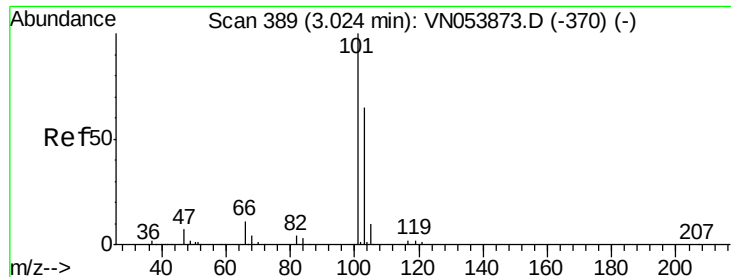
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

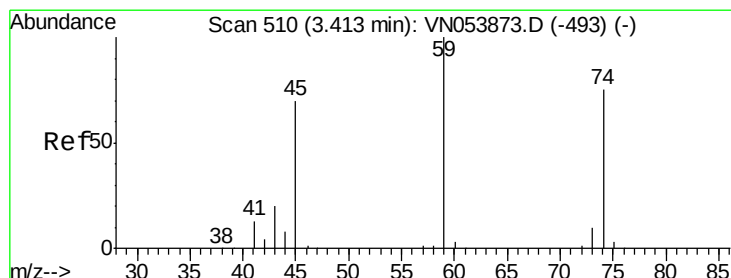
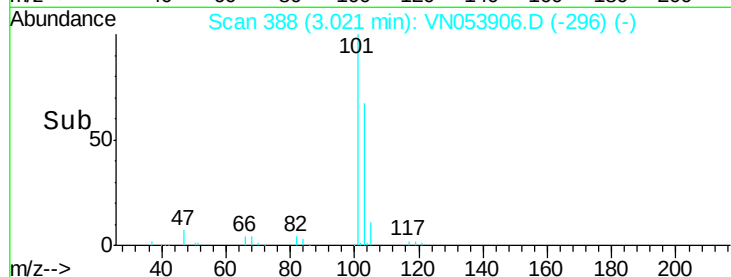
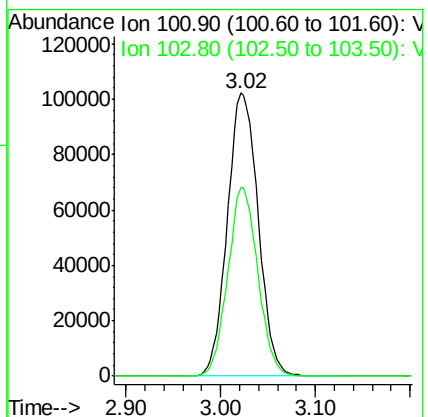
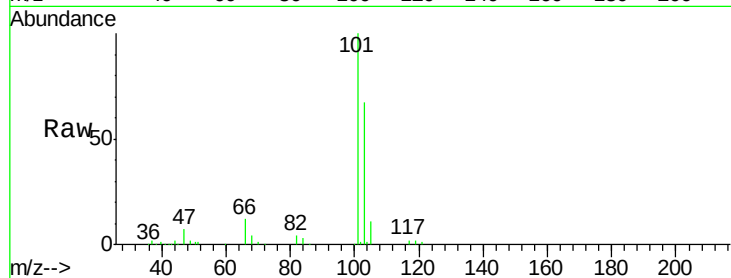




#7

Trichlorofluoromethane
Concen: 20.269 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

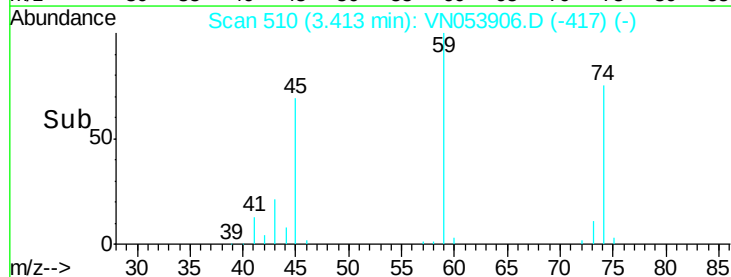
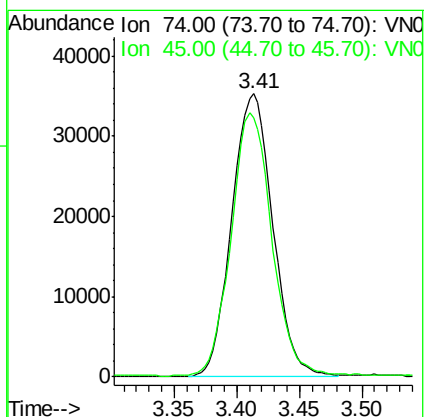
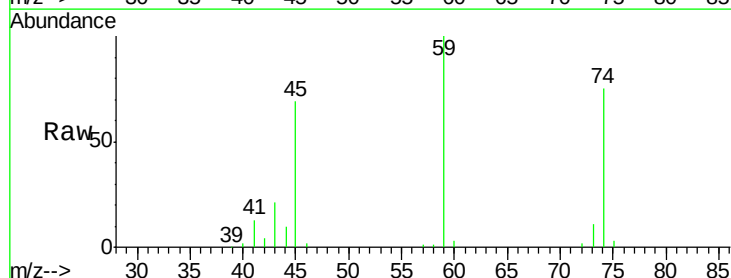
Tot Ion:101 Resp: 231856
Ion Ratio Lower Upper
101 100
103 66.8 51.9 77.9

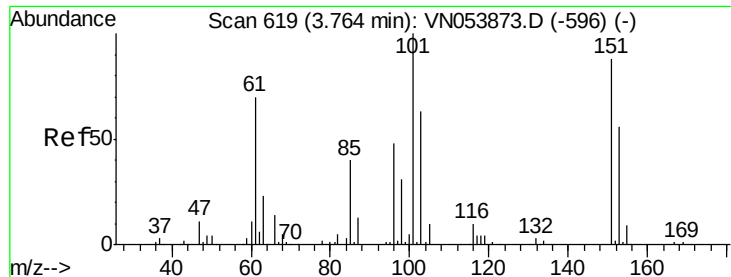


#8

Diethyl Ether
Concen: 19.985 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion: 74 Resp: 80364
Ion Ratio Lower Upper
74 100
45 93.7 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.014 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

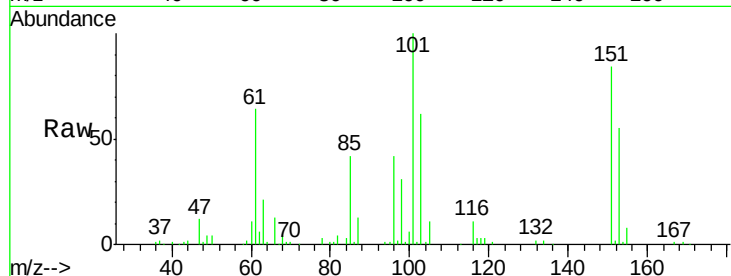
Tot Ion:101 Resp: 144867

Ion Ratio Lower Upper

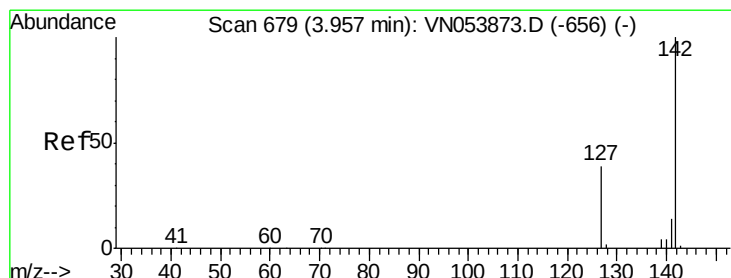
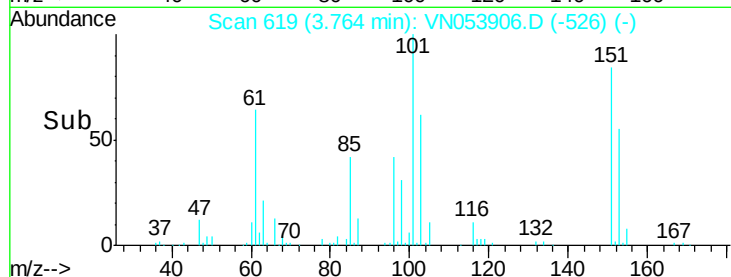
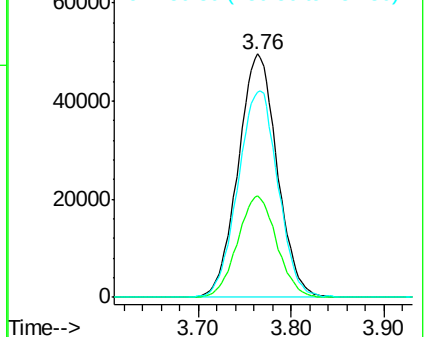
101 100

85 41.6 32.5 48.7

151 86.8 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.573 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

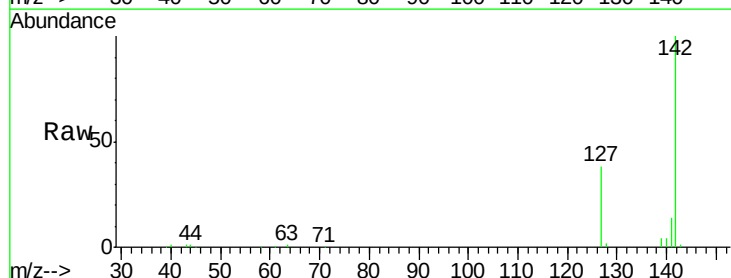
Tgt Ion:142 Resp: 200095

Ion Ratio Lower Upper

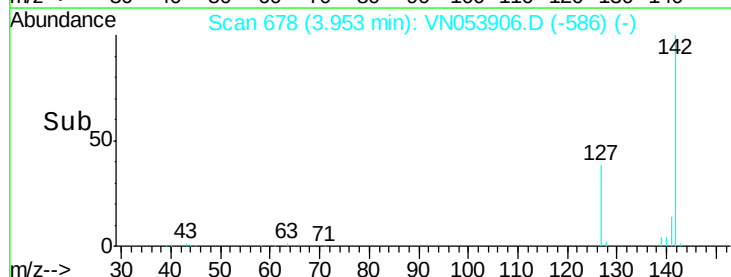
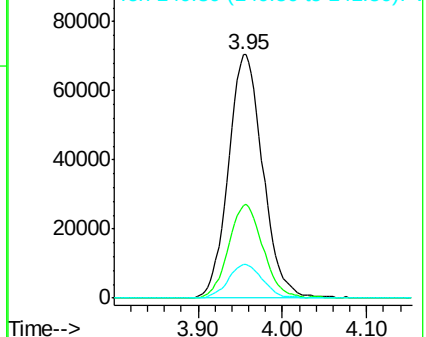
142 100

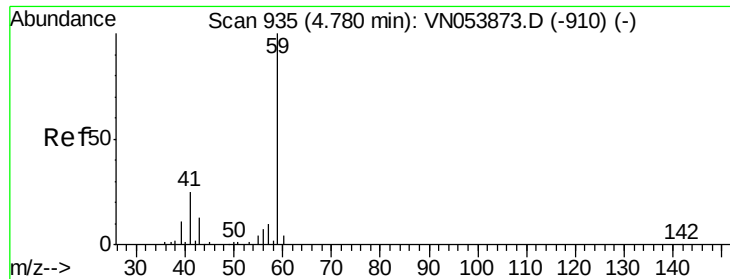
127 38.3 31.0 46.4

141 13.9 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.989 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN053906.D

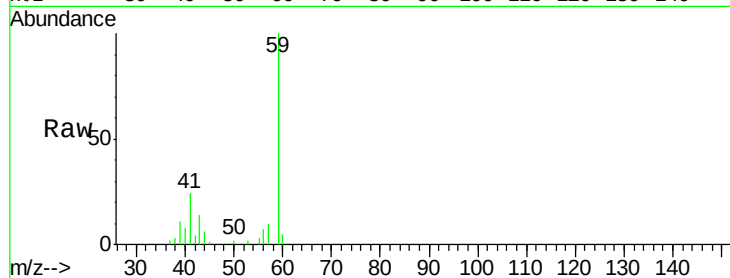
Acq: 22 Feb 2019 10:52

Tot Ion: 59 Resp: 42104

Ion Ratio Lower Upper

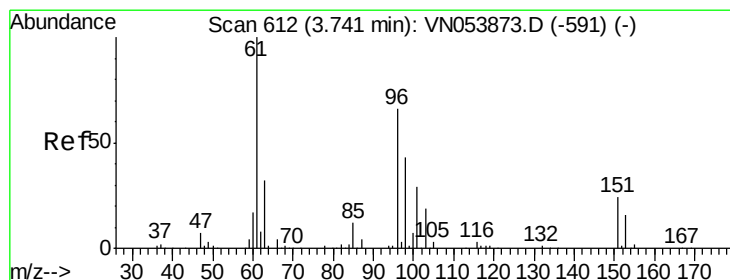
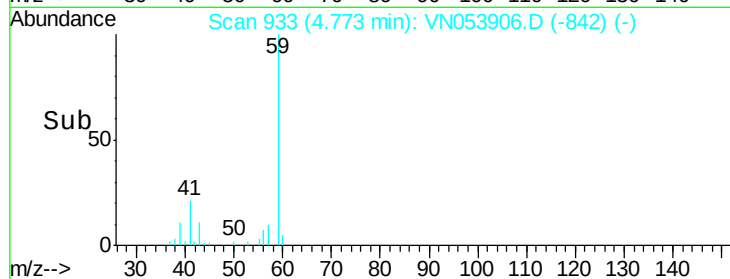
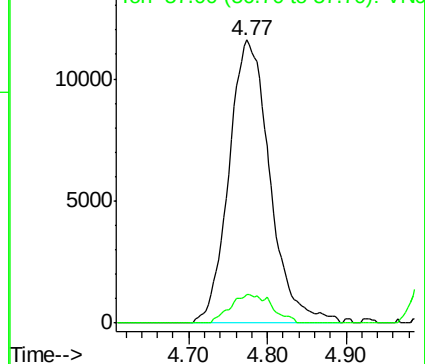
59 100

57 7.3 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 20.632 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

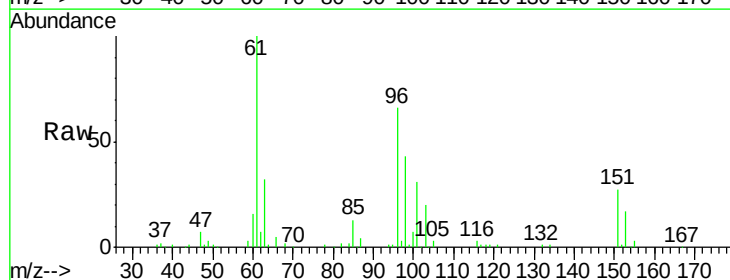
Tgt Ion: 96 Resp: 133021

Ion Ratio Lower Upper

96 100

61 151.4 121.0 181.4

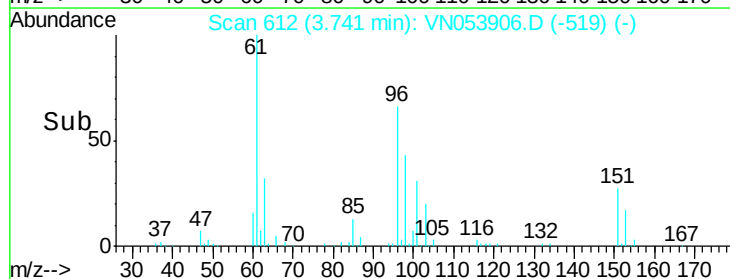
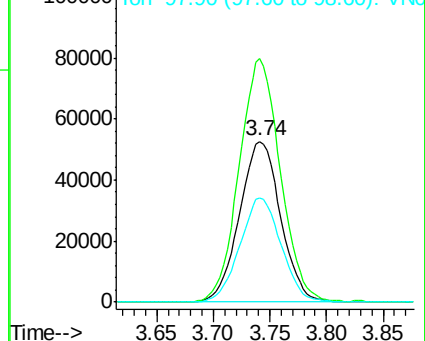
98 64.8 52.2 78.2

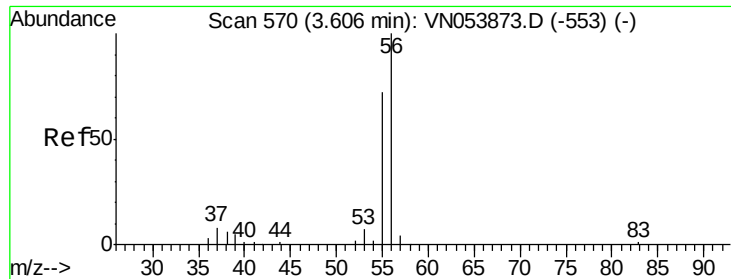


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 115.633 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053906.D

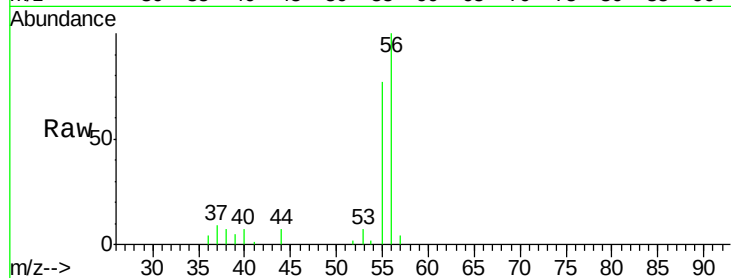
Acq: 22 Feb 2019 10:52

Tot Ion: 56 Resp: 36634

Ion Ratio Lower Upper

56 100

55 72.5 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

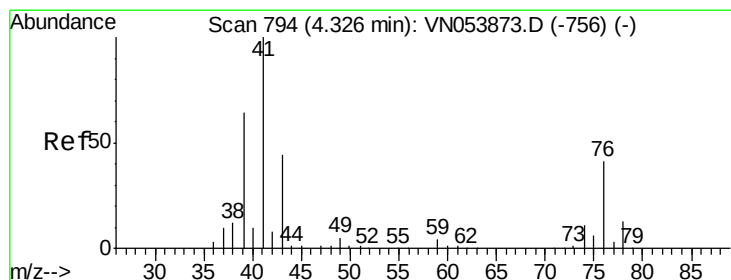
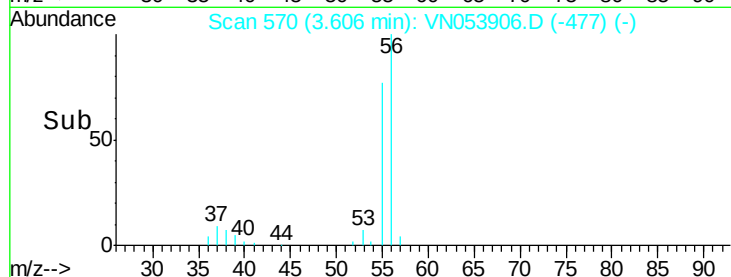
15000

10000

5000

0

Time--> 3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 21.074 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

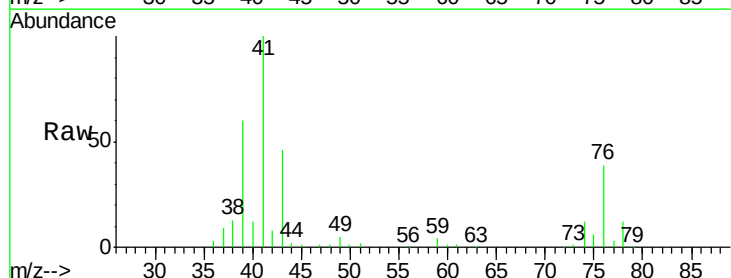
Tgt Ion: 41 Resp: 205632

Ion Ratio Lower Upper

41 100

39 60.6 48.8 73.2

76 37.8 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

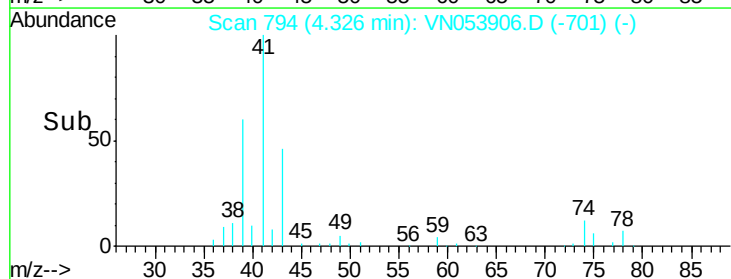
60000

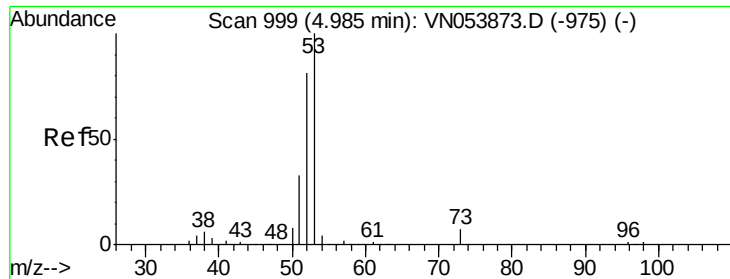
40000

20000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 103.281 ug/l

RT: 4.99 min Scan# 999

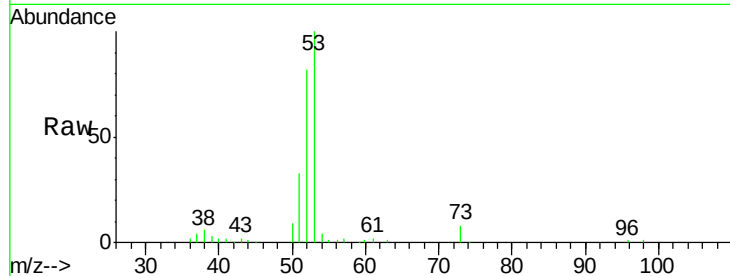
Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tot Ion: 53 Resp: 230622

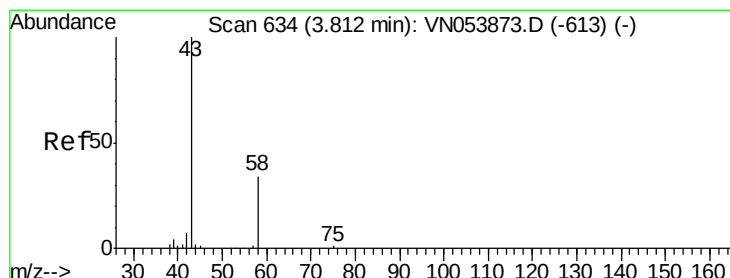
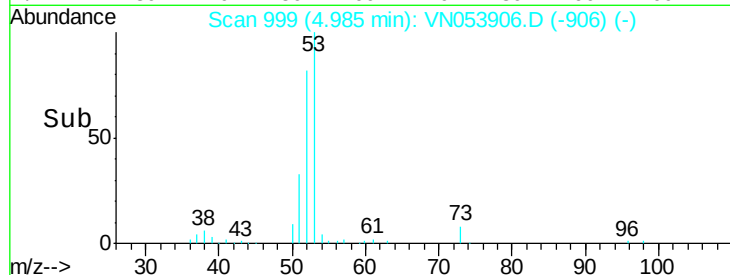
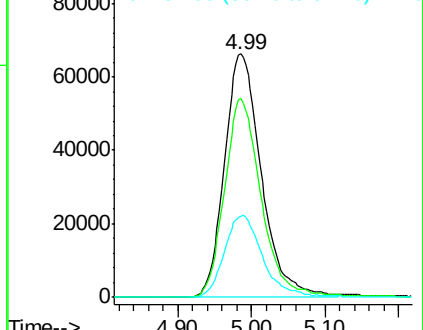
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.1	97.7
51	35.1	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.898 ug/l

RT: 3.82 min Scan# 635

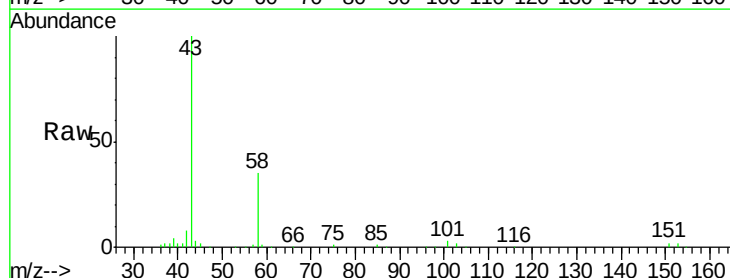
Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

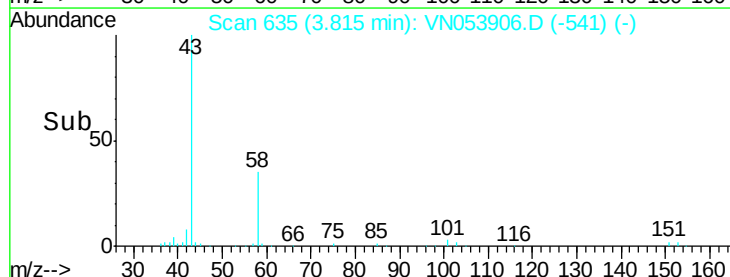
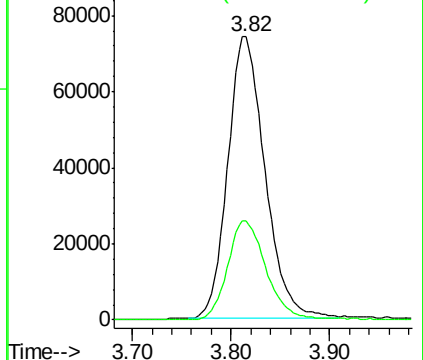
Tgt Ion: 43 Resp: 195077

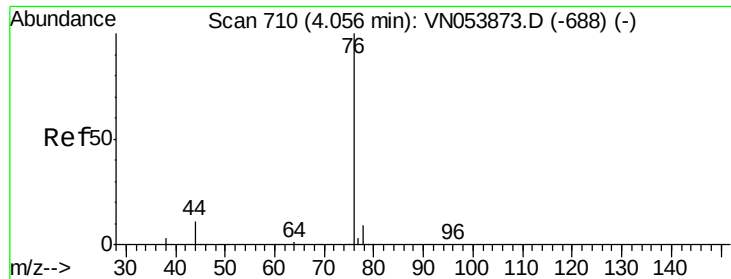
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.6	41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

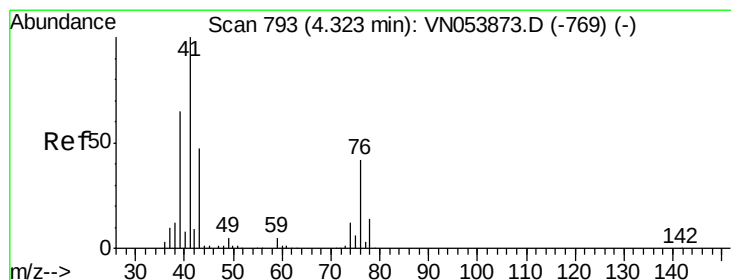
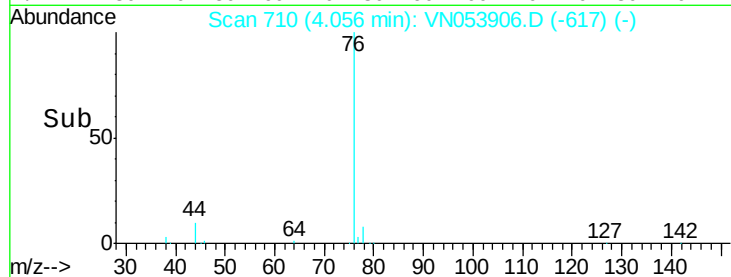
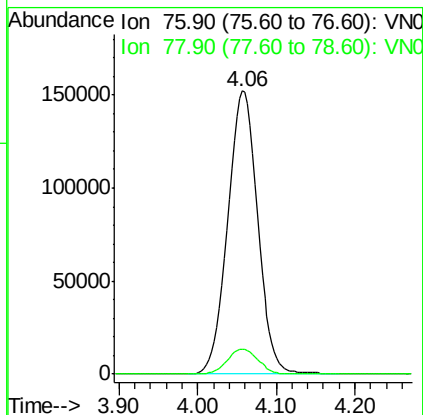
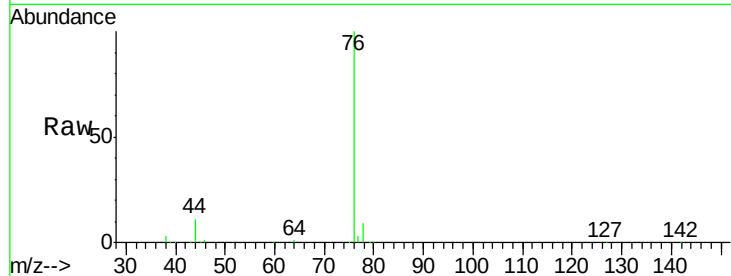
Ion 58.00 (57.70 to 58.70): VN0





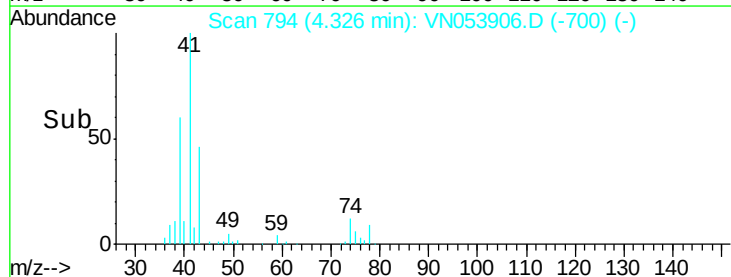
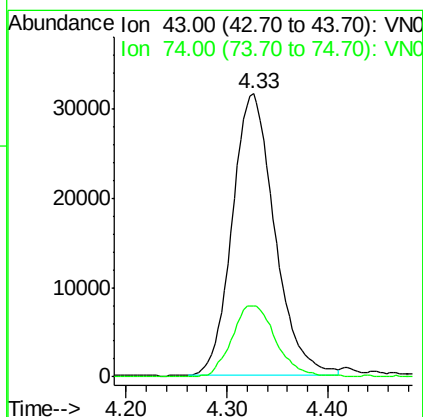
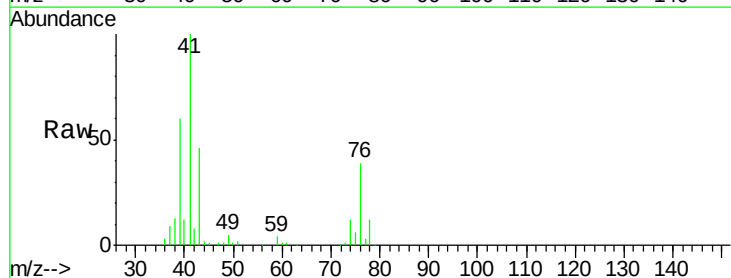
#17
Carbon Disulfide
Concen: 20.163 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

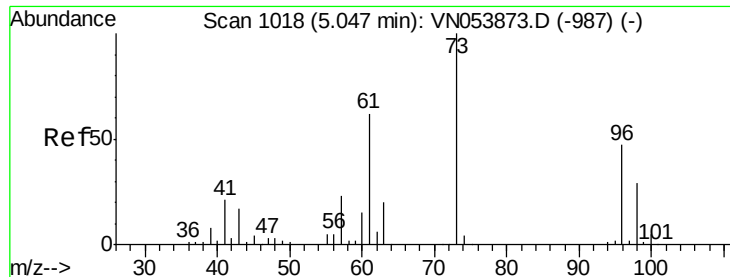
Tot Ion: 76 Resp: 402634
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 19.924 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion: 43 Resp: 91824
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7

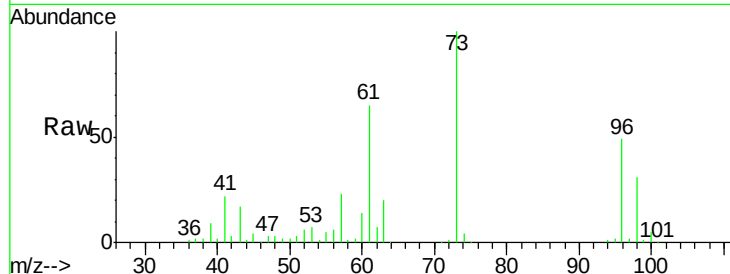




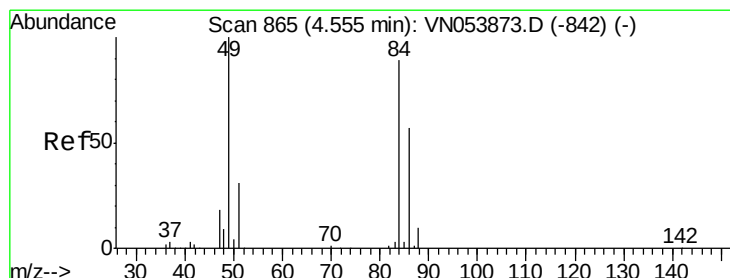
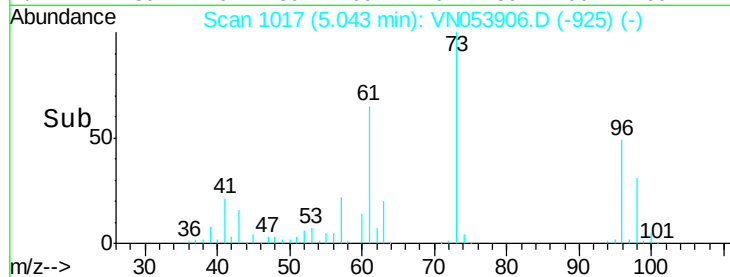
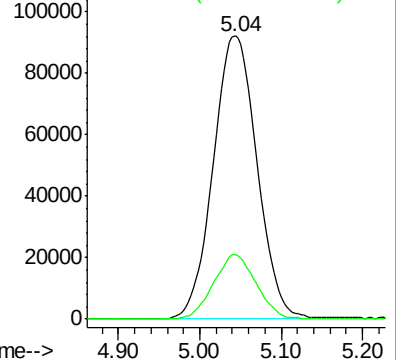
#19

Methyl tert-butyl Ether
 Concen: 20.980 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tot Ion: 73 Resp: 343197
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.0 27.0



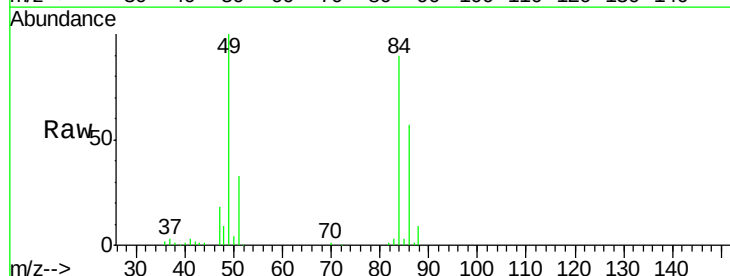
Abundance Ion 73.00 (72.70 to 73.70): VN053873.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN053873.D (-987) (-)



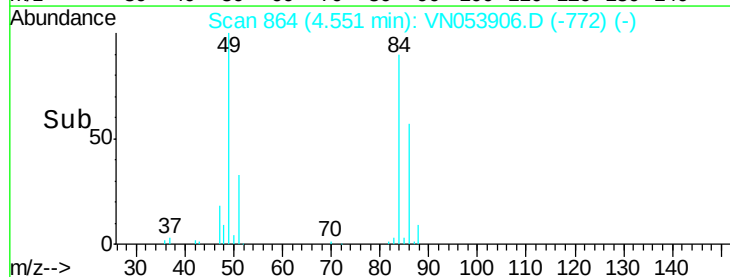
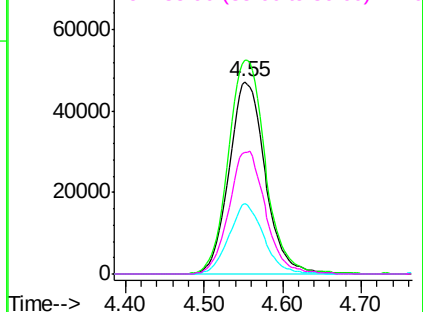
#20

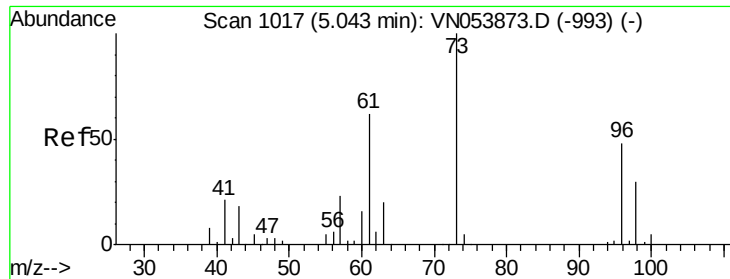
Methylene Chloride
 Concen: 20.714 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion: 84 Resp: 151439
 Ion Ratio Lower Upper
 84 100
 49 111.1 89.7 134.5
 51 36.9 27.8 41.8
 86 62.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053873.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN053873.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN053873.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN053873.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 20.949 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

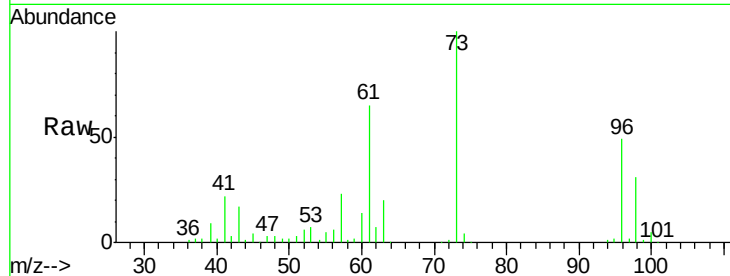
Tot Ion: 96 Resp: 141759

Ion Ratio Lower Upper

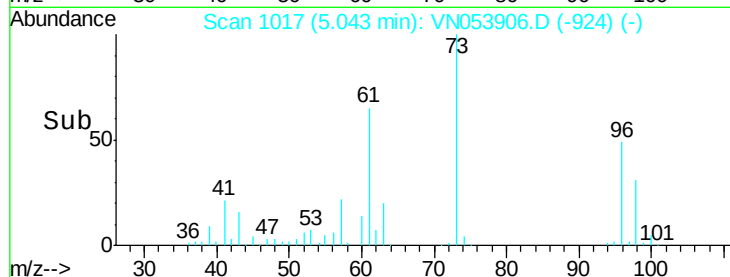
96 100

61 133.7 104.5 156.7

98 64.7 50.6 76.0

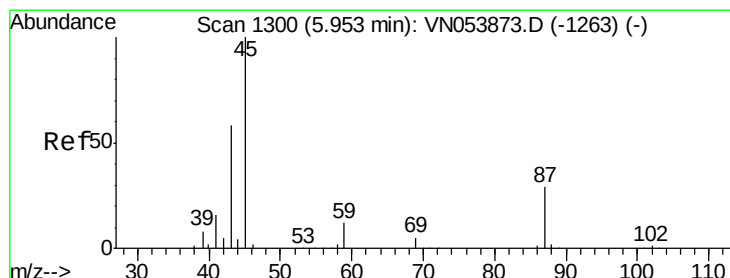
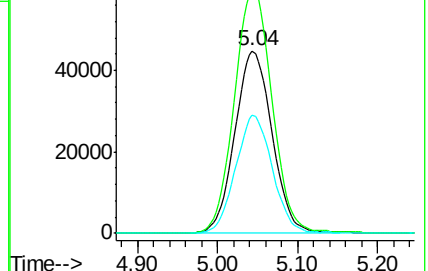


Abundance Ion 95.90 (95.60 to 96.60): VN053906.D (-924) (-)



Ion 60.90 (60.60 to 61.60): VN053906.D (-924) (-)

Ion 97.90 (97.60 to 98.60): VN053906.D (-924) (-)



#22

Diisopropyl ether

Concen: 20.453 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tgt Ion: 45 Resp: 372039

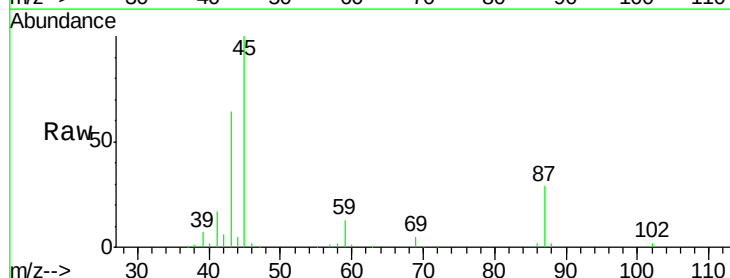
Ion Ratio Lower Upper

45 100

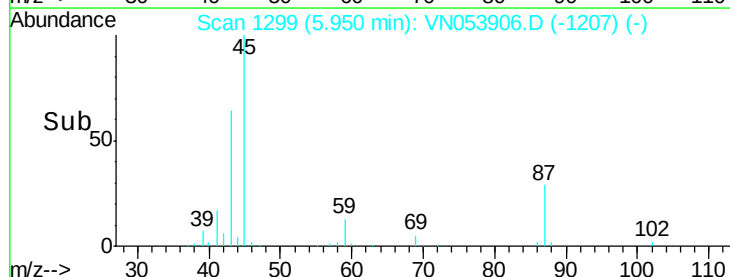
43 60.2 46.2 69.4

87 27.9 23.4 35.0

59 13.0 9.4 14.0



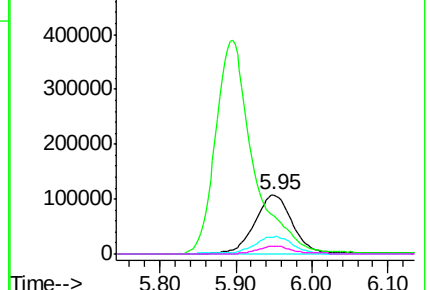
Abundance Ion 45.00 (44.70 to 45.70): VN053906.D (-1207) (-)

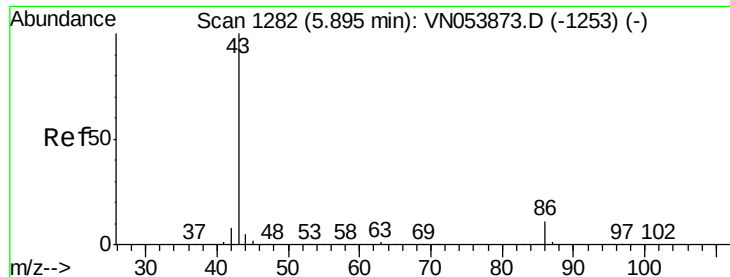


Ion 43.00 (42.70 to 43.70): VN053906.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN053906.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN053906.D (-1207) (-)





#23

Vinyl Acetate

Concen: 102.847 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053906.D

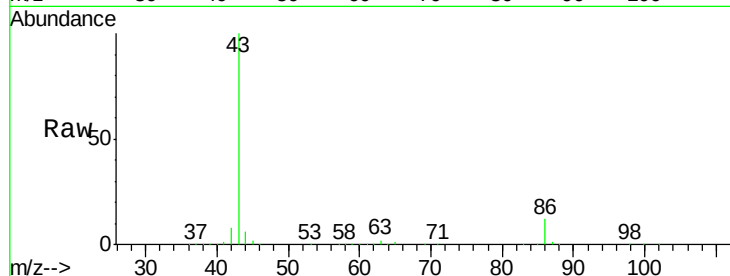
Acq: 22 Feb 2019 10:52

Tot Ion: 43 Resp: 1344886

Ion Ratio Lower Upper

43 100

86 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN053906.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053906.D (-1189) (-)

5.90

400000

300000

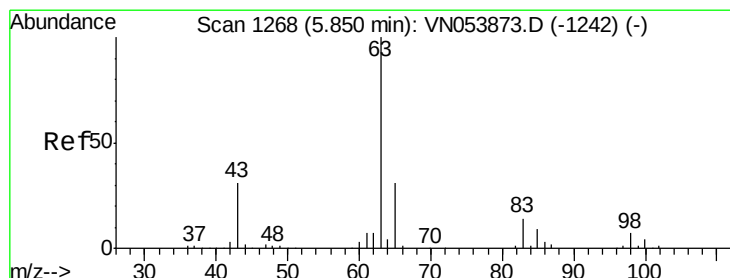
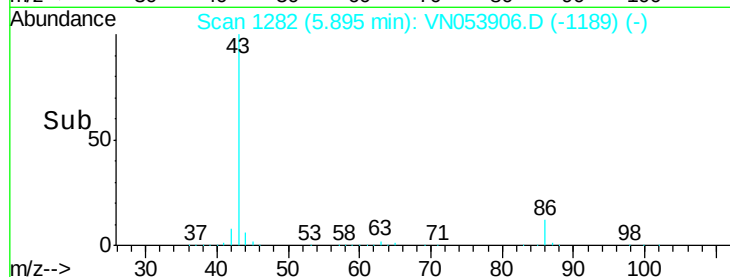
200000

100000

0

Time-->

5.80 6.00 6.20



#24

1,1-Dichloroethane

Concen: 20.410 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

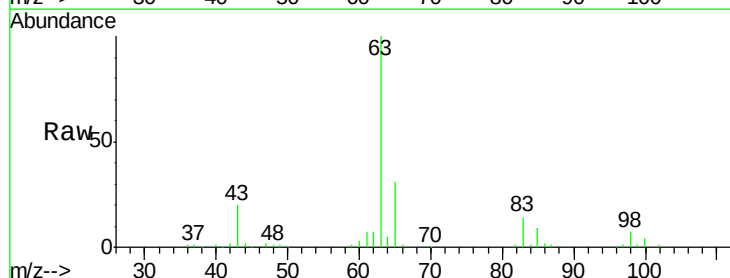
Tgt Ion: 63 Resp: 251362

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN053906.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053906.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053906.D (-1175) (-)

5.85

100000

80000

60000

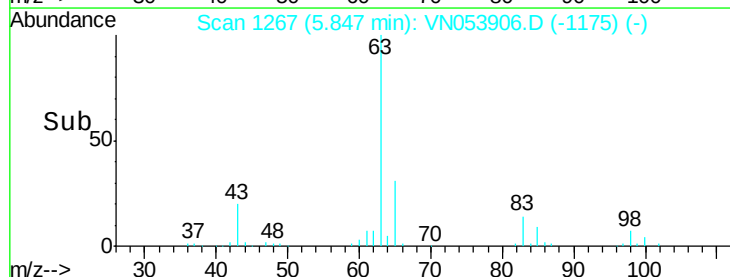
40000

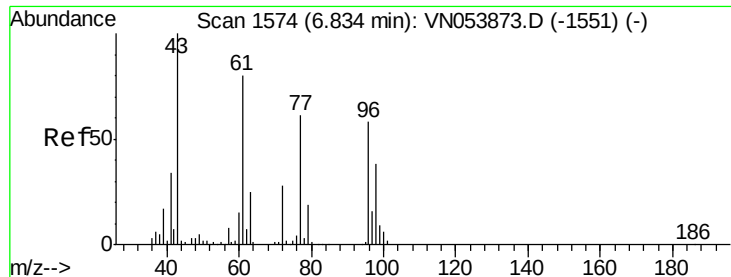
20000

0

Time-->

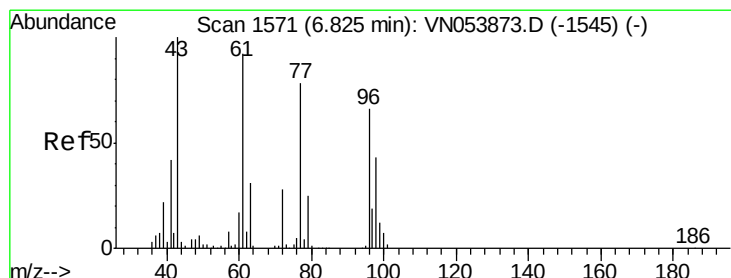
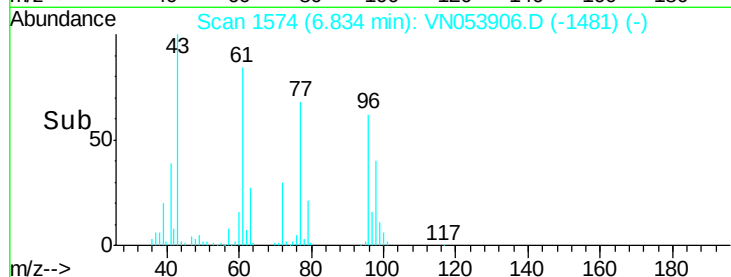
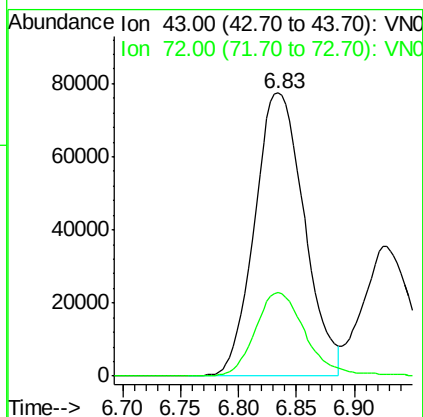
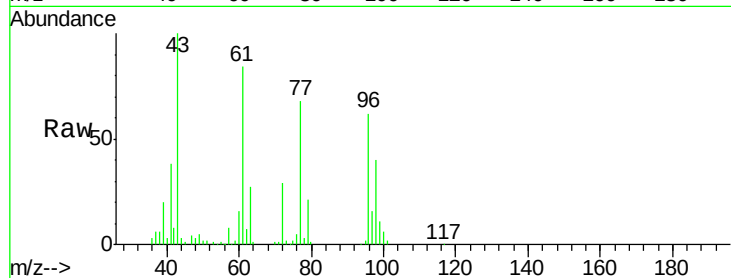
5.70 5.80 5.90





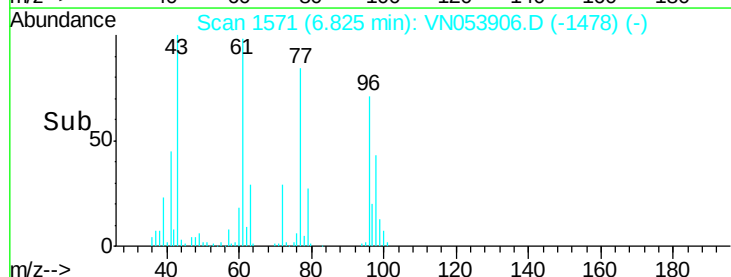
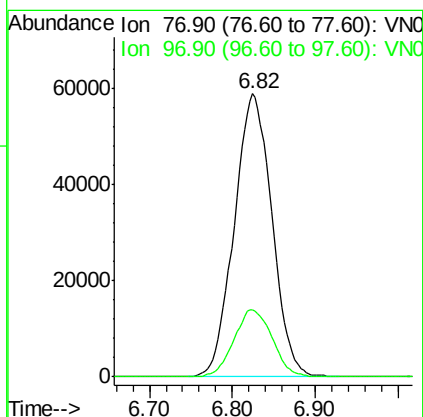
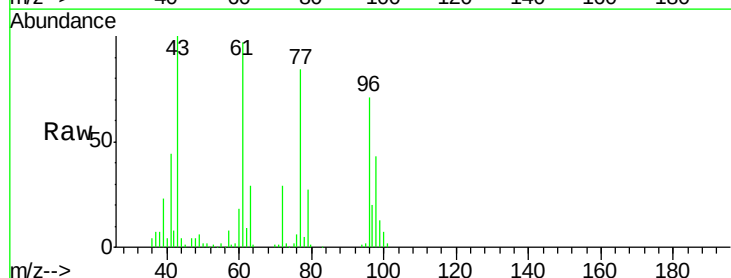
#25
 2-Butanone
 Concen: 91.745 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

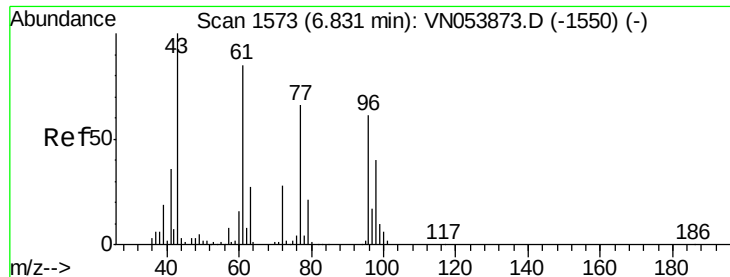
Tot Ion: 43 Resp: 231179
 Ion Ratio Lower Upper
 43 100
 72 29.4 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 19.929 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion: 77 Resp: 186245
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.664 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

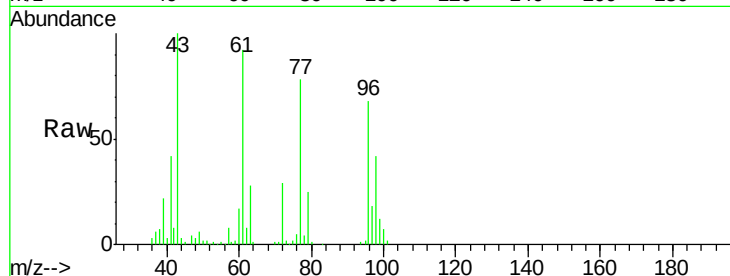
Tot Ion: 96 Resp: 149067

Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	275.6
98	64.2	0.0	130.0

96 100

61 136.4 0.0 275.6

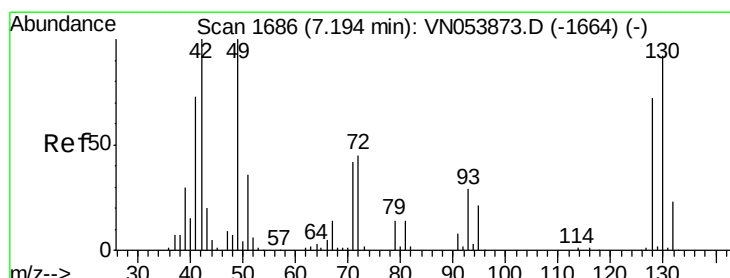
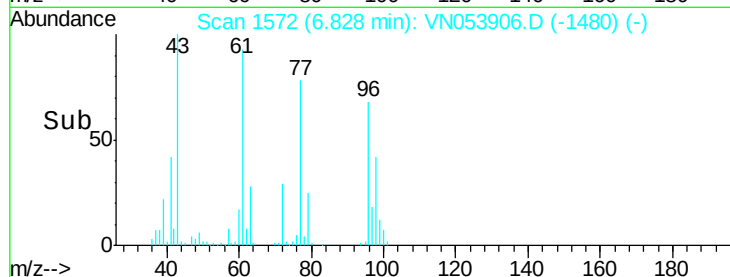
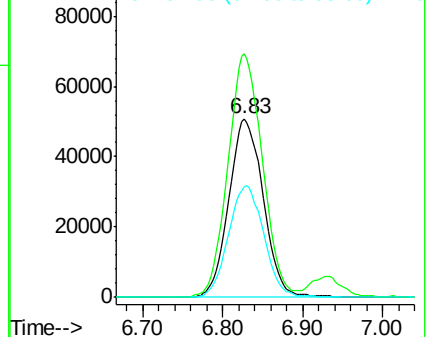
98 64.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053873.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-1550) (-)



#28

Bromochloromethane

Concen: 19.038 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

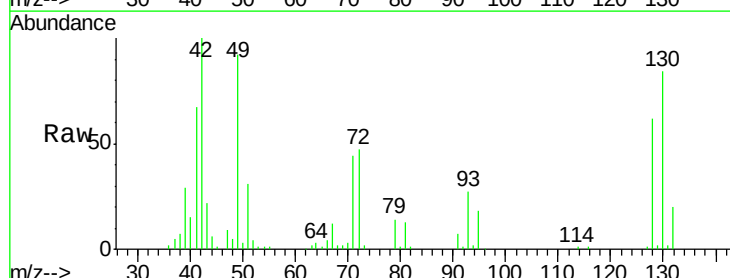
Tgt Ion: 49 Resp: 102328

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	89.3	72.9	109.3

49 100

129 1.9 0.0 4.6

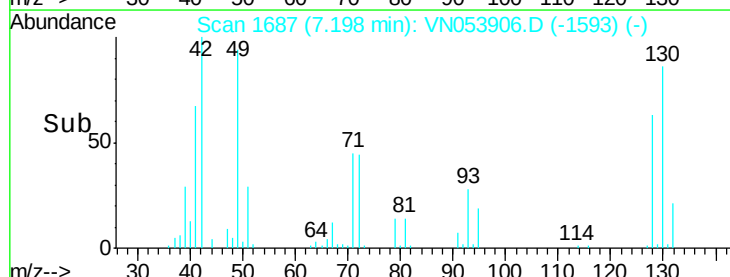
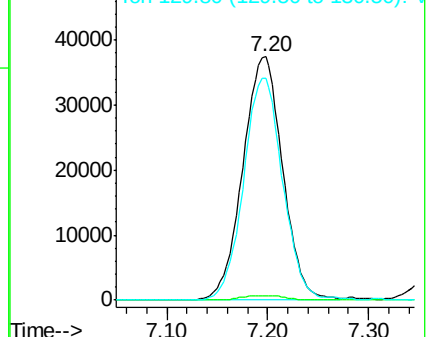
130 89.3 72.9 109.3

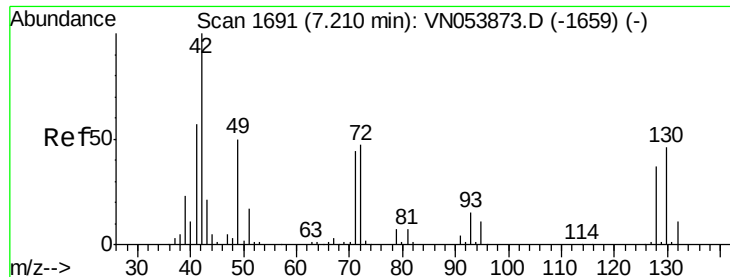


Abundance Ion 48.90 (48.60 to 49.60): VN053873.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053873.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053873.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 91.569 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

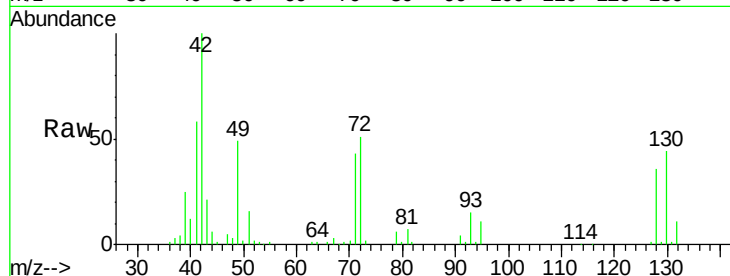
Tot Ion: 42 Resp: 149221

Ion Ratio Lower Upper

42 100

72 47.1 36.9 55.3

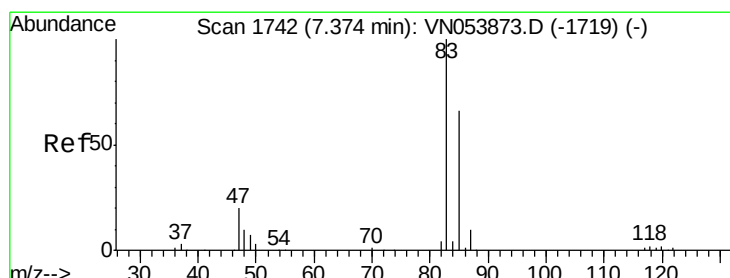
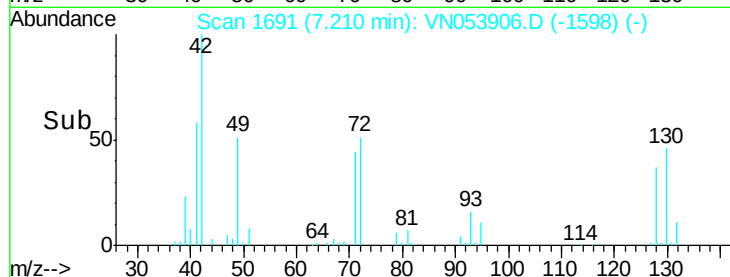
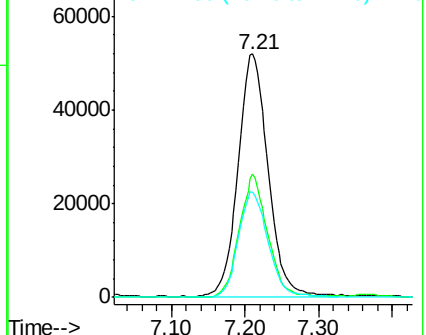
71 42.3 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VN053873.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN053873.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN053873.D (-1659) (-)



#30

Chloroform

Concen: 19.141 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN053906.D

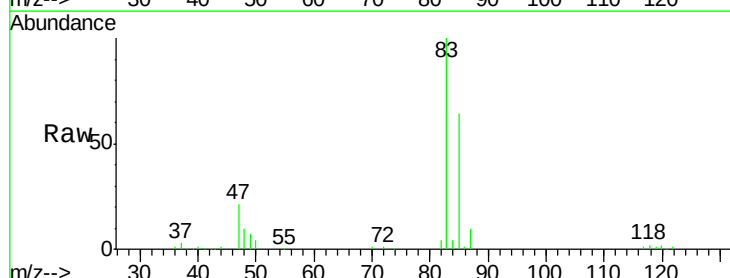
Acq: 22 Feb 2019 10:52

Tgt Ion: 83 Resp: 236867

Ion Ratio Lower Upper

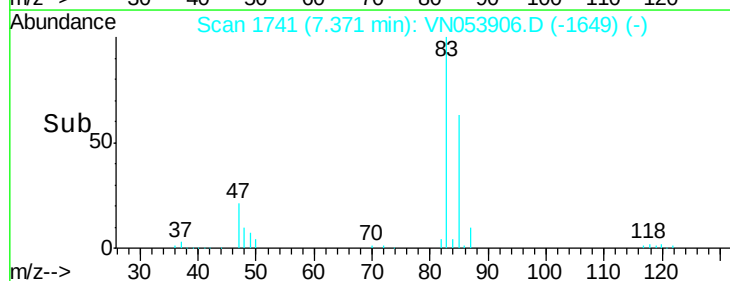
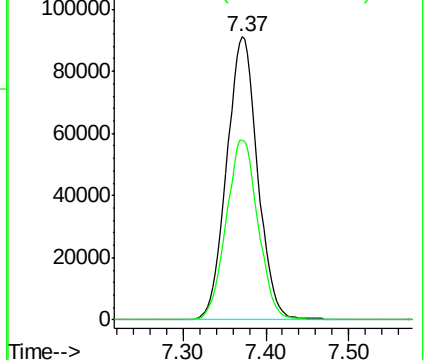
83 100

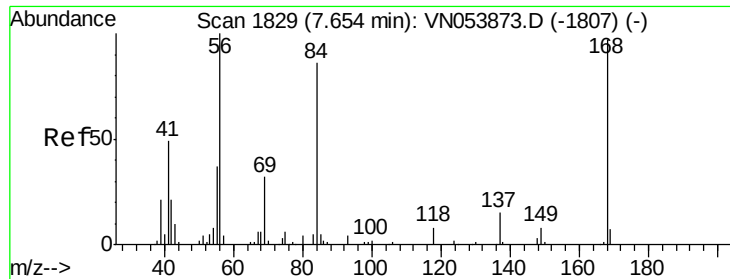
85 63.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN053873.D (-1719) (-)

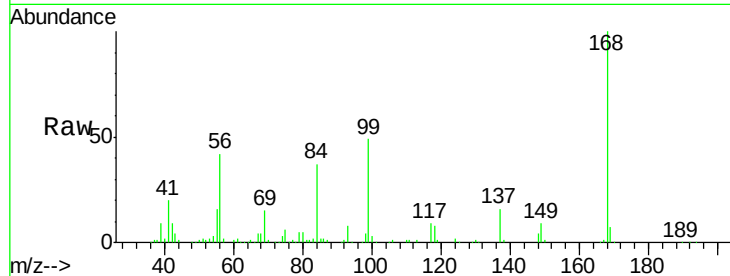
Ion 84.90 (84.60 to 85.60): VN053873.D (-1719) (-)





#31
Cyclohexane
Concen: 19.326 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

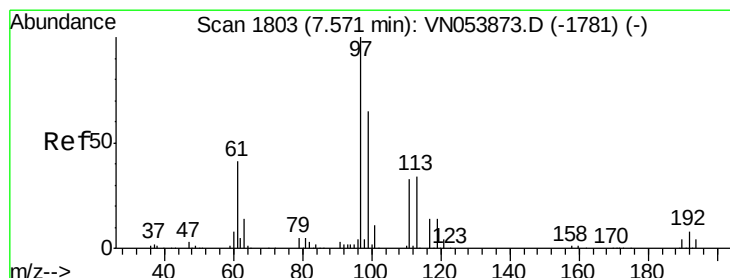
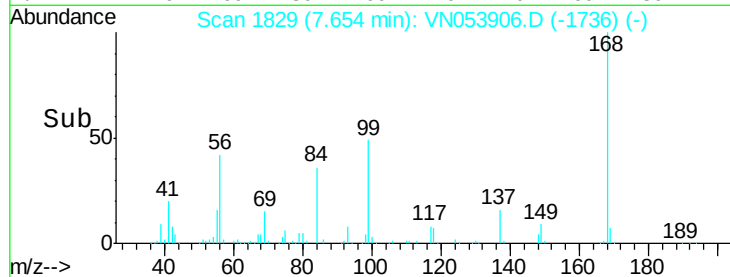
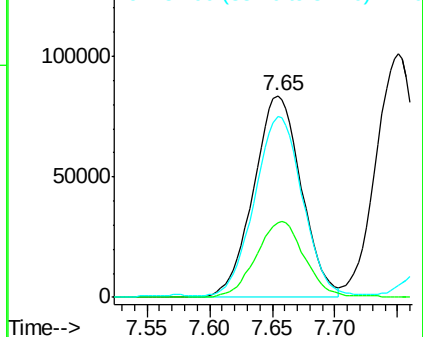
Tot Ion	56	Resp	221663
Ion Ratio	100	Lower	Upper
56	100		
69	36.8	26.0	39.0
84	88.3	69.1	103.7



Abundance Ion 56.00 (55.70 to 56.70): VN053906.D (-1736) (-)

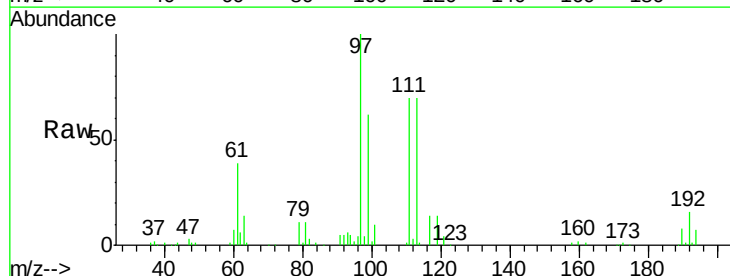
Ion 69.00 (68.70 to 69.70): VN053906.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053906.D (-1736) (-)



#32
1,1,1-Trichloroethane
Concen: 19.178 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

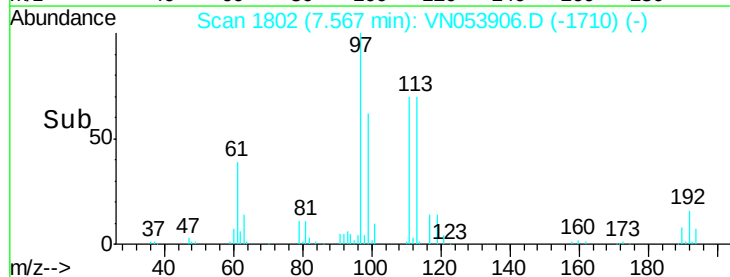
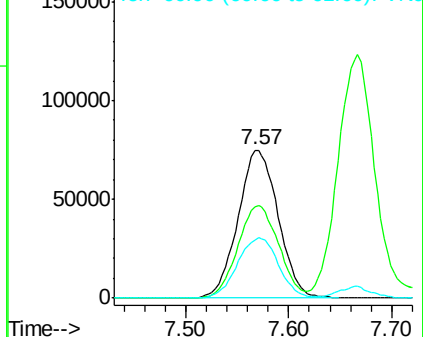
Tgt Ion	97	Resp	203046
Ion Ratio	100	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	41.5	33.2	49.8

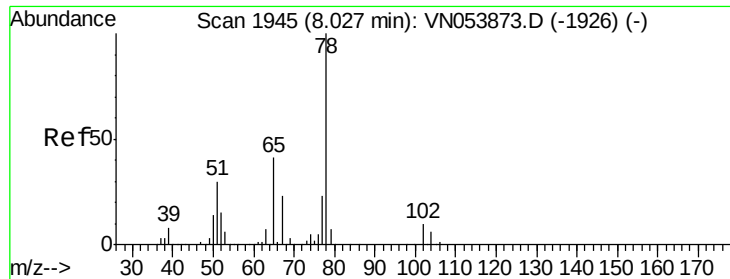


Abundance Ion 96.90 (96.60 to 97.60): VN053906.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053906.D (-1710) (-)

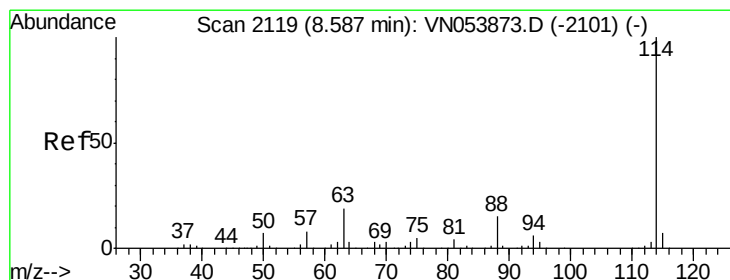
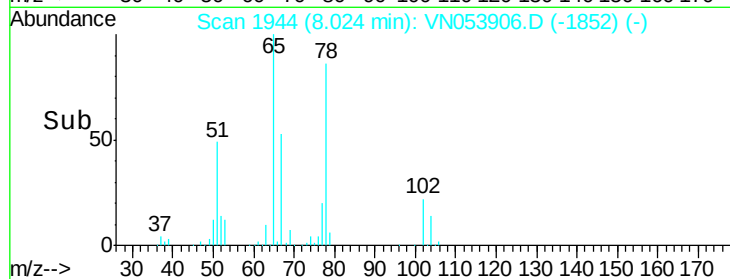
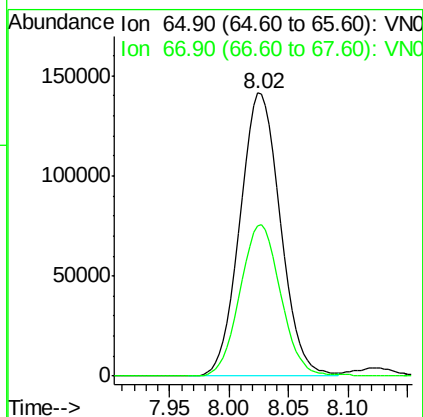
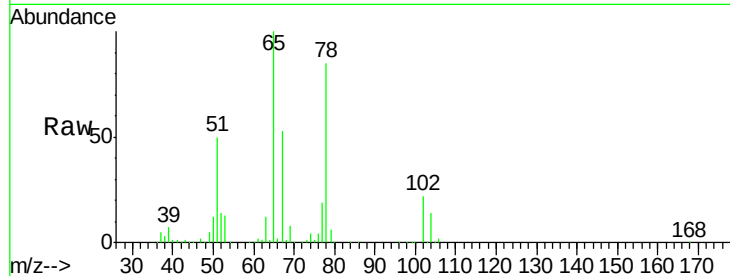
Ion 60.90 (60.60 to 61.60): VN053906.D (-1710) (-)





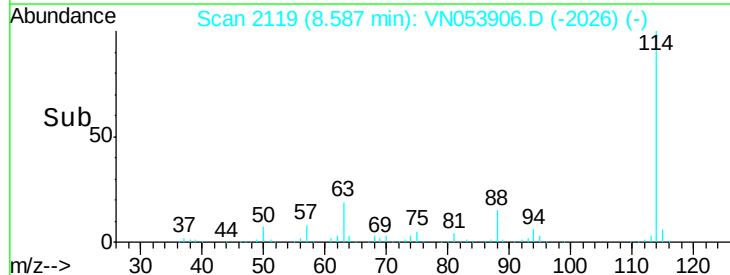
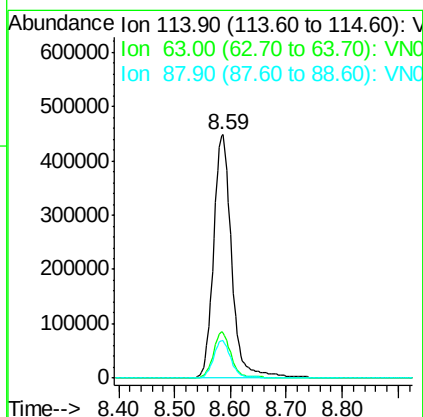
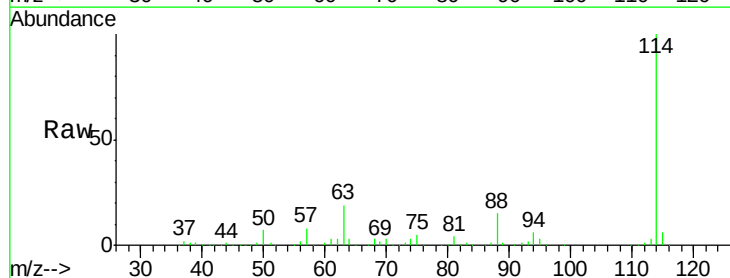
#33
 1,2-Dichloroethane-d4
 Concen: 46.965 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

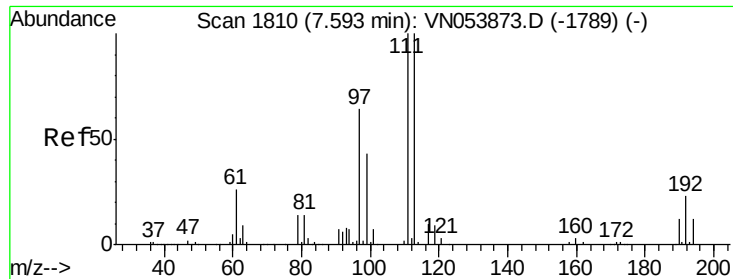
Tot Ion: 65 Resp: 333472
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

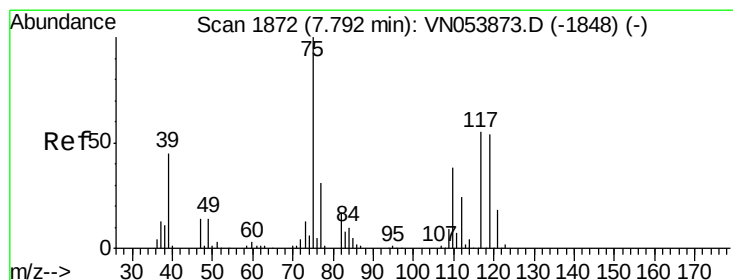
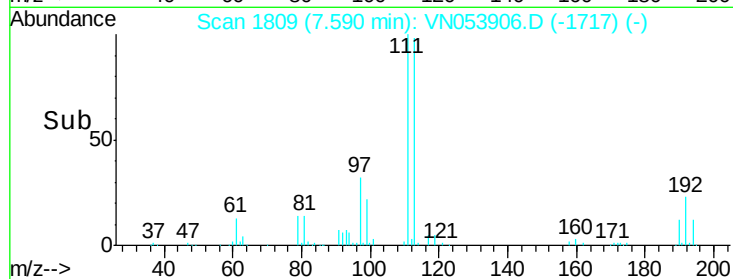
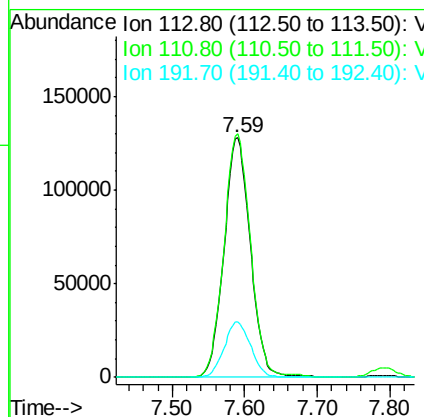
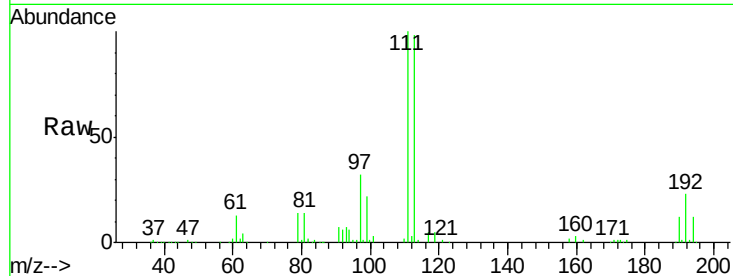
Tgt Ion: 114 Resp: 1013445
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 15.2 0.0 30.4





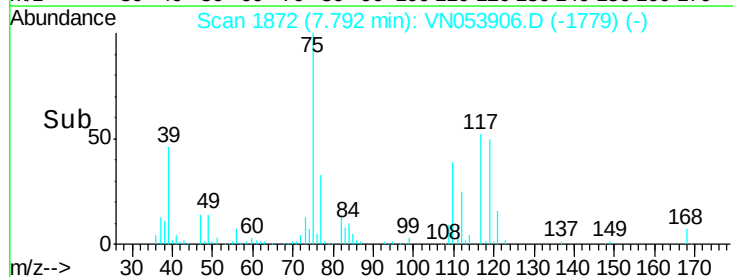
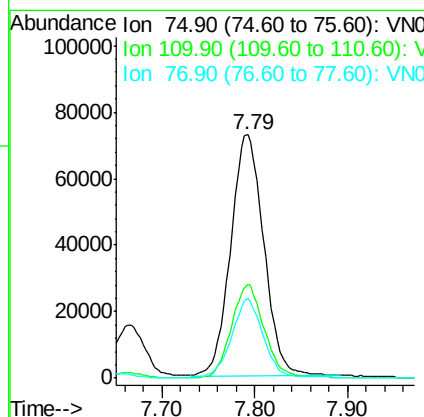
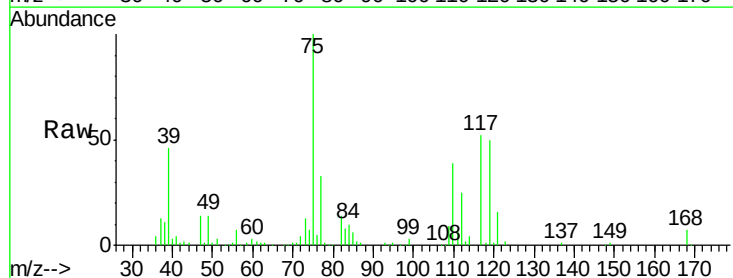
#35
 Dibromofluoromethane
 Concen: 48.719 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

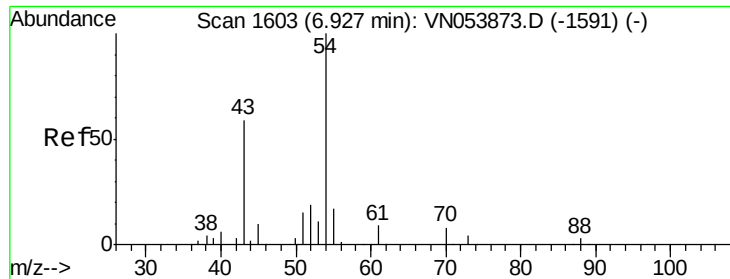
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	23.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 19.422 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

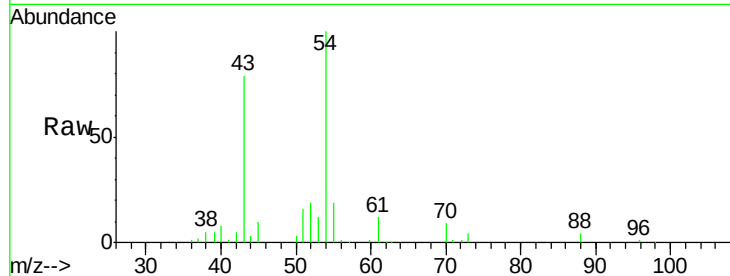
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.0	57.0
77	31.3	25.4	38.0



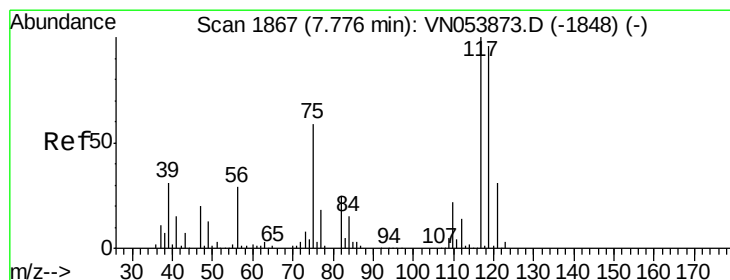
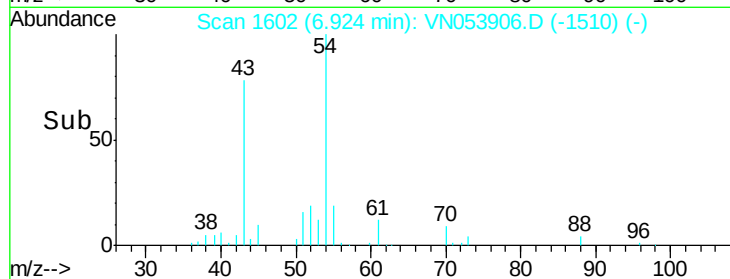
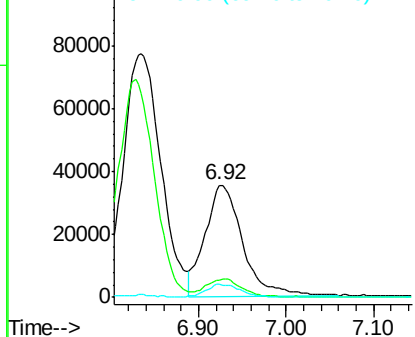


#37
Ethyl Acetate
Concen: 18.844 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion: 43 Resp: 104600
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.2 8.7 13.1

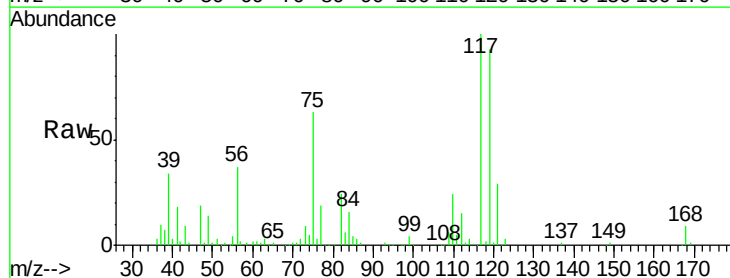


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

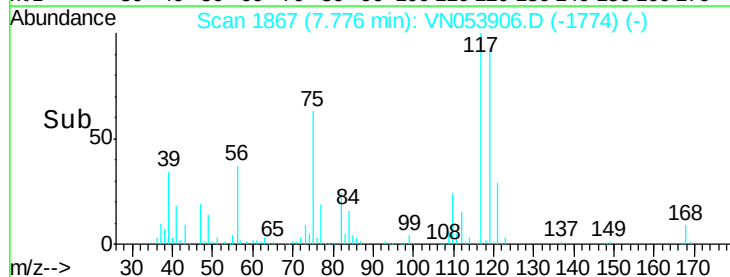
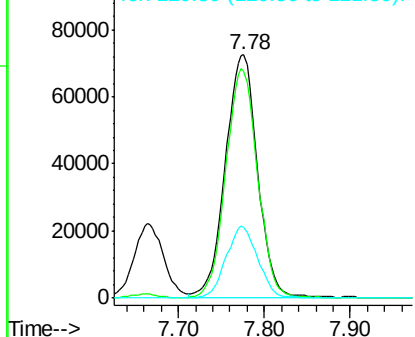


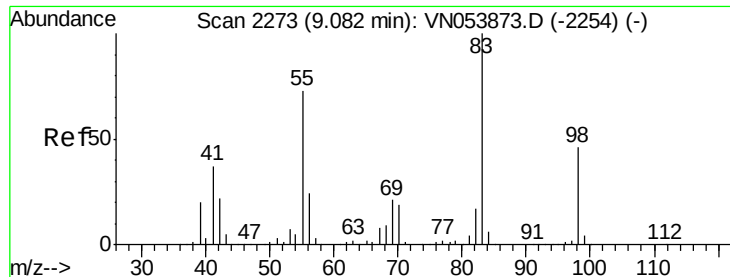
#38
Carbon Tetrachloride
Concen: 20.176 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion: 117 Resp: 187125
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.2
121 29.2 24.6 36.8



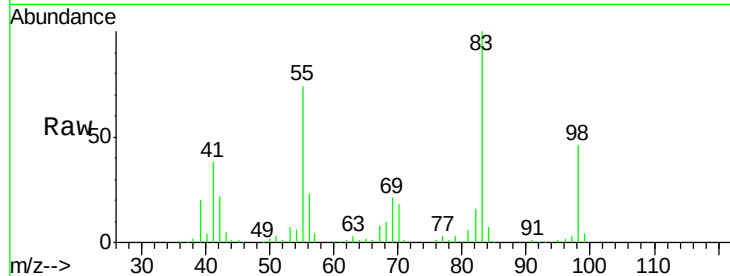
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



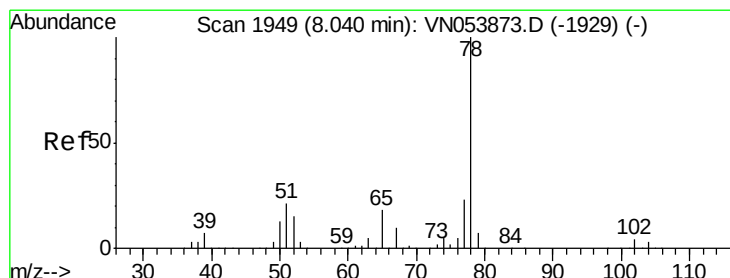
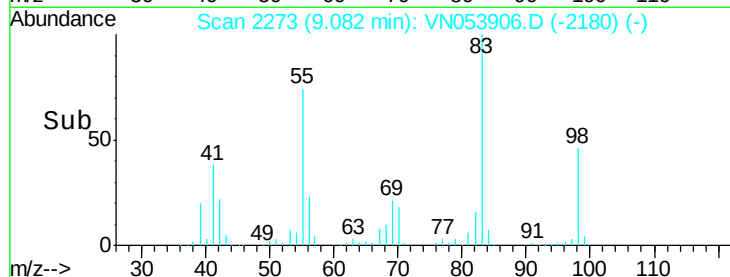
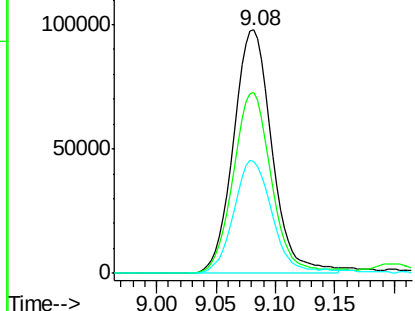


#39
Methylvlcyclohexane
Concen: 20.534 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion	83.00	Resp	219800
Ion	Ratio	Lower	Upper
83	100		
55	74.2	58.2	87.4
98	46.1	37.2	55.8

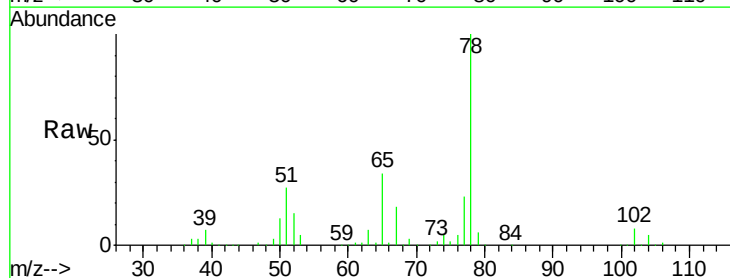


Abundance Ion 83.00 (82.70 to 83.70): VN053873.D (-2254) (-)
Ion 55.00 (54.70 to 55.70): VN053873.D (-2254) (-)
Ion 98.00 (97.70 to 98.70): VN053873.D (-2254) (-)

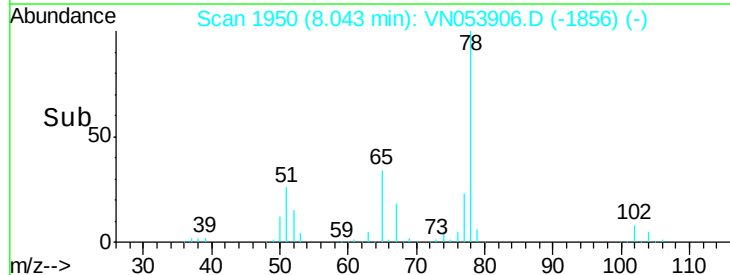
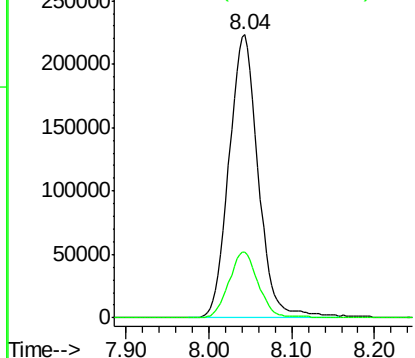


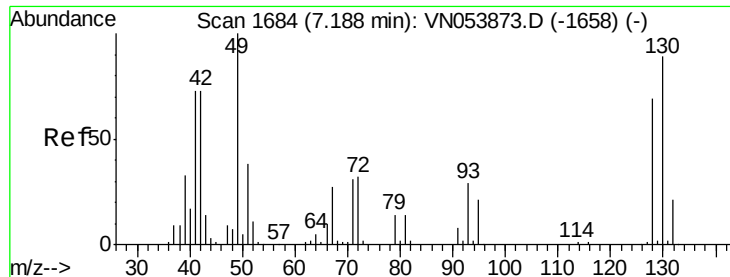
#40
Benzene
Concen: 20.016 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion	78.00	Resp	549690
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN053873.D (-1929) (-)
Ion 77.00 (76.70 to 77.70): VN053873.D (-1929) (-)





#41

Methacrylonitrile

Concen: 20.124 ug/l m

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tot Ion: 41 Resp: 61802

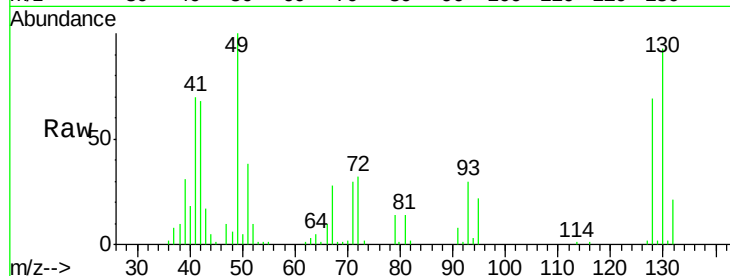
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

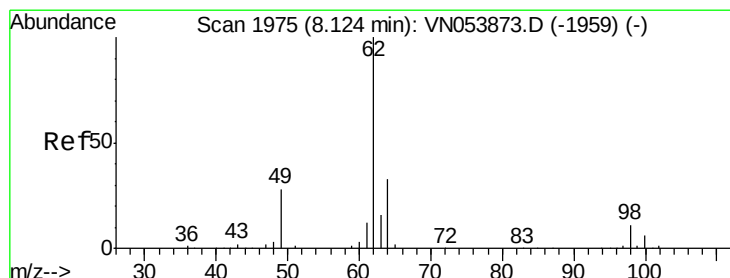
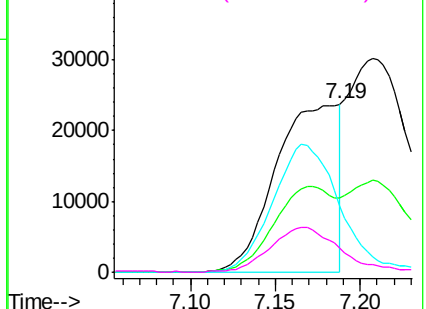
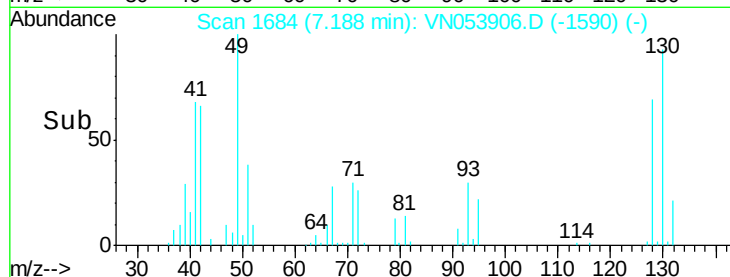


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.483 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053906.D

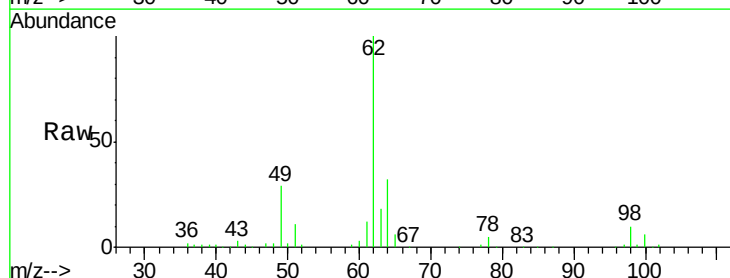
Acq: 22 Feb 2019 10:52

Tgt Ion: 62 Resp: 159509

Ion Ratio Lower Upper

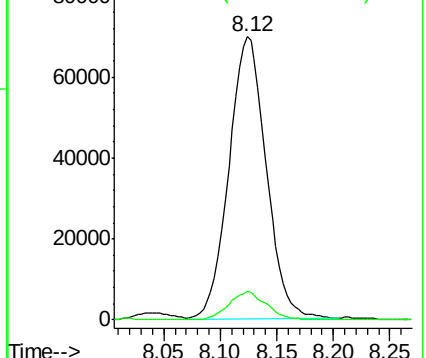
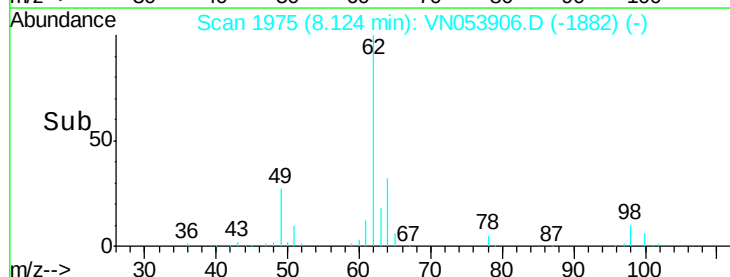
62 100

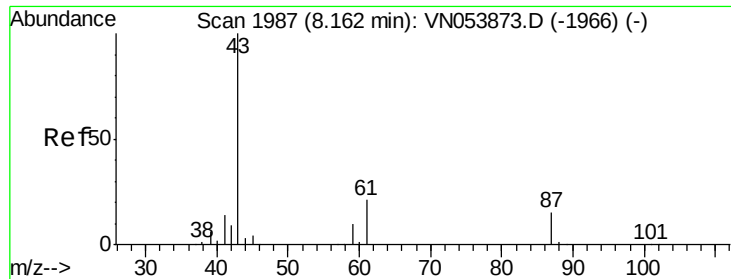
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.069 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

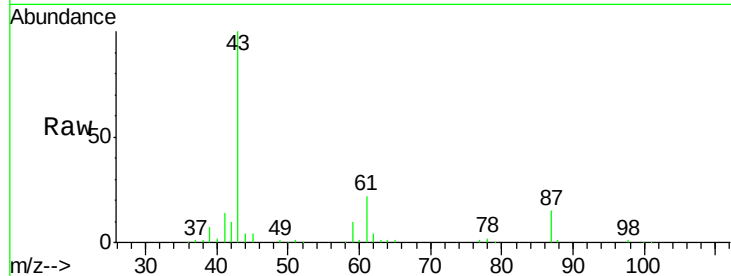
Tot Ion: 43 Resp: 179037

Ion Ratio Lower Upper

43 100

61 20.4 17.4 26.0

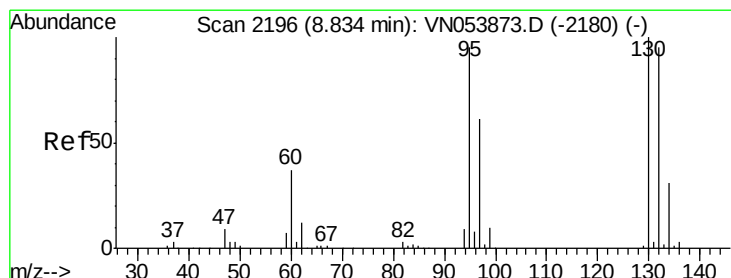
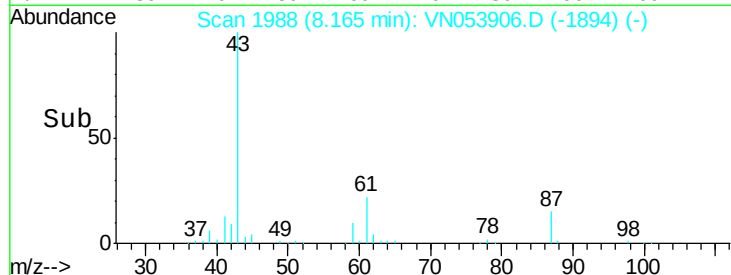
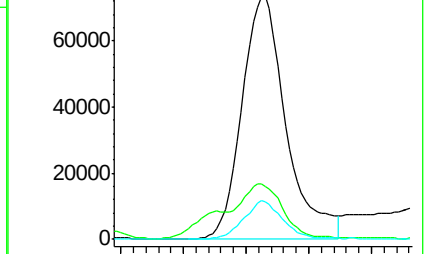
87 14.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053873.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053873.D (-1966) (-)



#44

Trichloroethene

Concen: 20.528 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053906.D

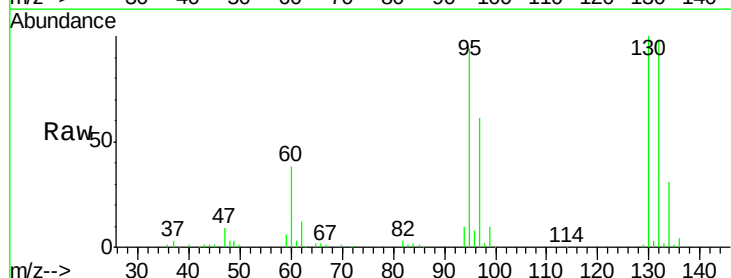
Acq: 22 Feb 2019 10:52

Tgt Ion:130 Resp: 157813

Ion Ratio Lower Upper

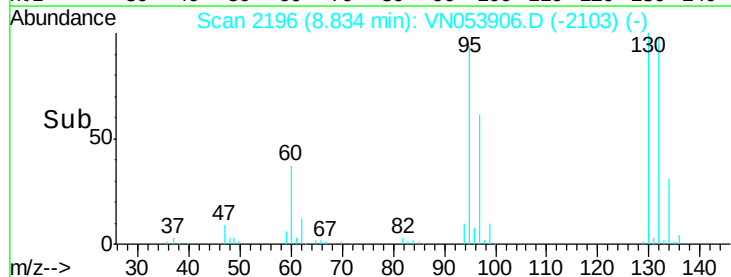
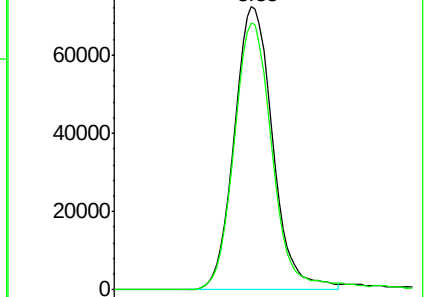
130 100

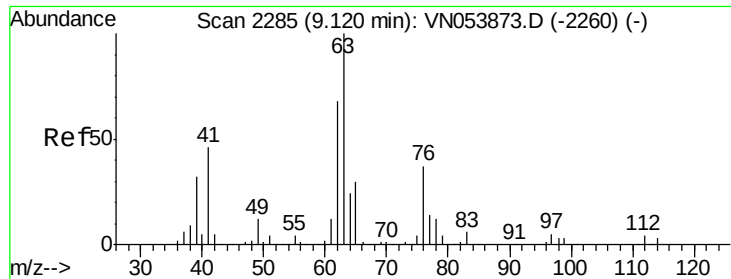
95 94.3 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053873.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053873.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.130 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053906.D

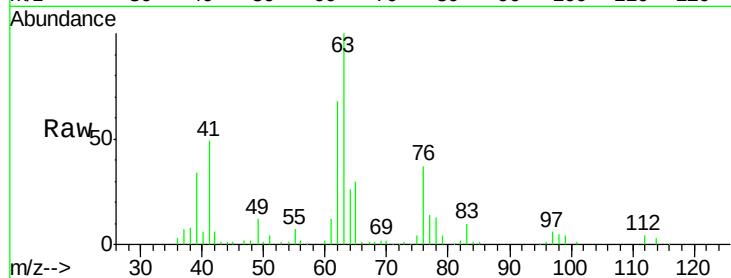
Acq: 22 Feb 2019 10:52

Tot Ion: 63 Resp: 141137

Ion Ratio Lower Upper

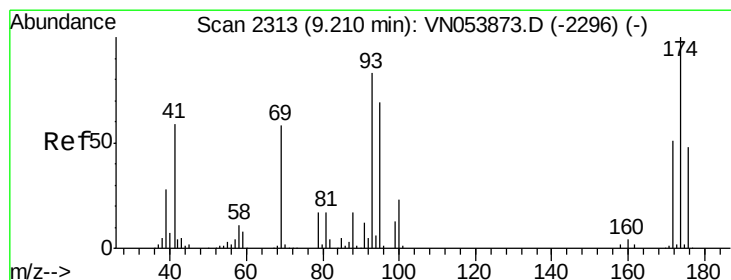
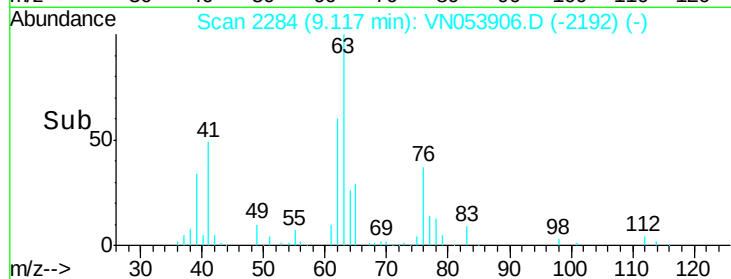
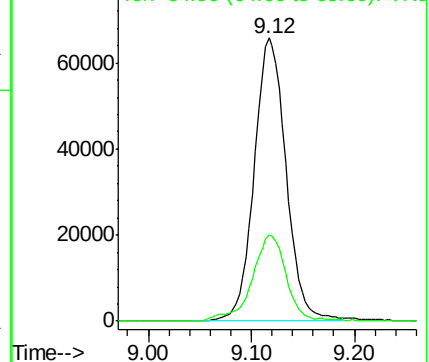
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.132 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

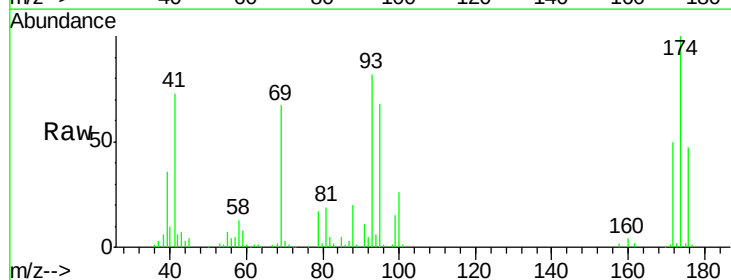
Tgt Ion: 93 Resp: 84987

Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

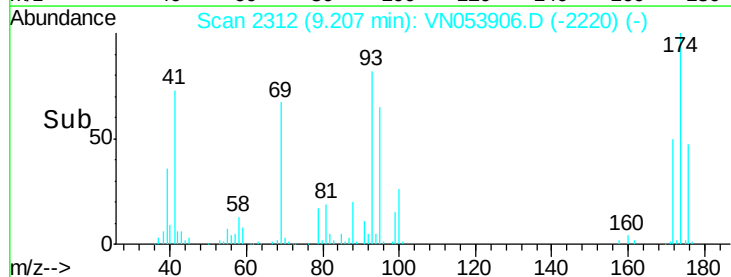
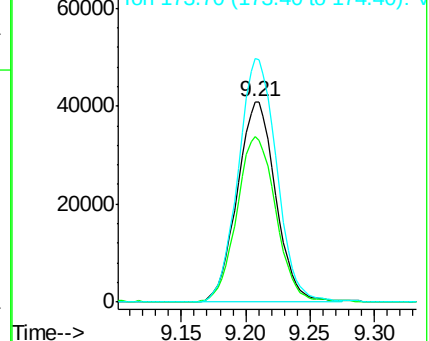
174 122.1 96.2 144.4

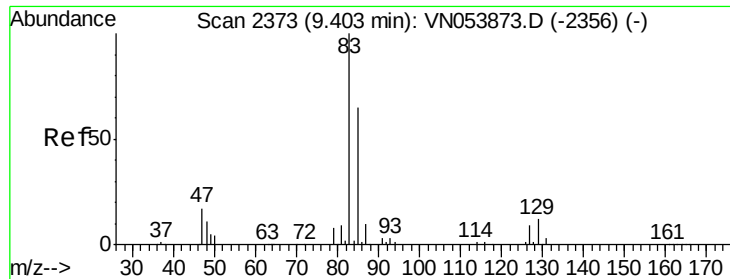


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.328 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

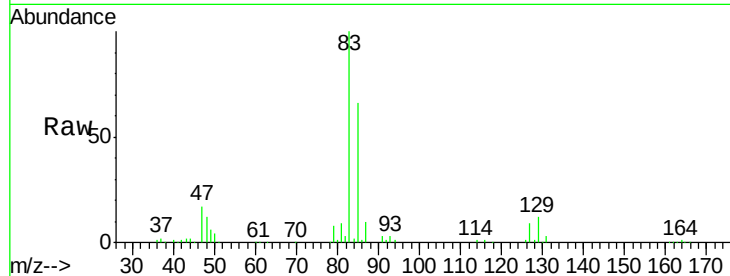
Tot Ion: 83 Resp: 181039

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

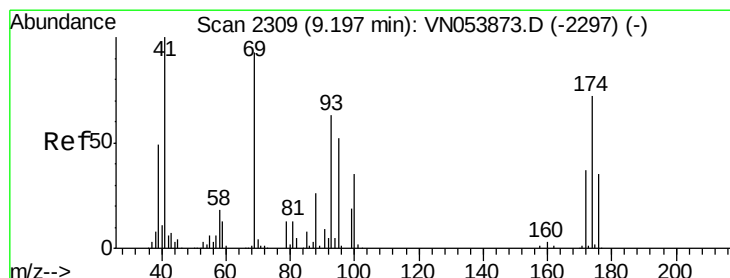
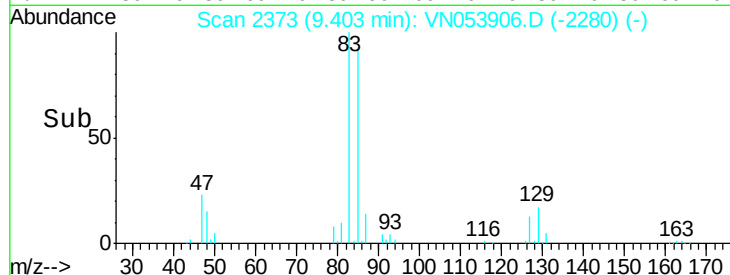
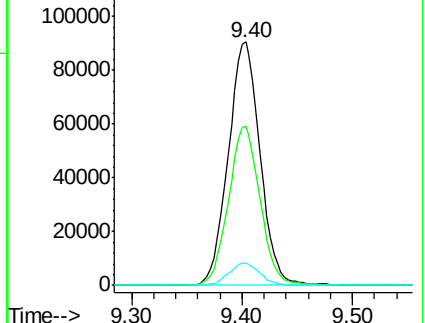
127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053906.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053906.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053906.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.261 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

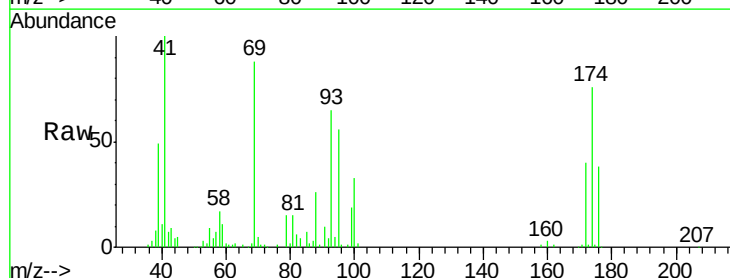
Tgt Ion: 41 Resp: 81827

Ion Ratio Lower Upper

41 100

69 101.8 74.8 112.2

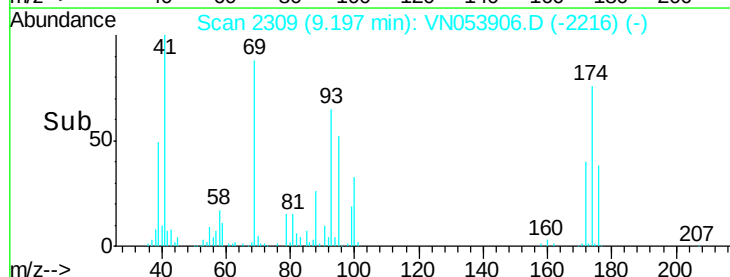
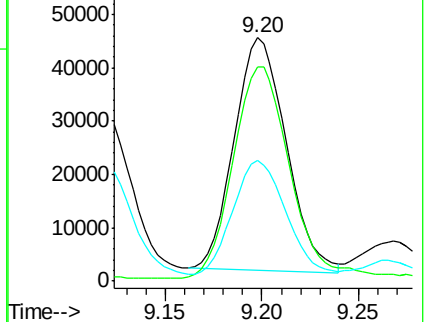
39 55.4 39.0 58.6

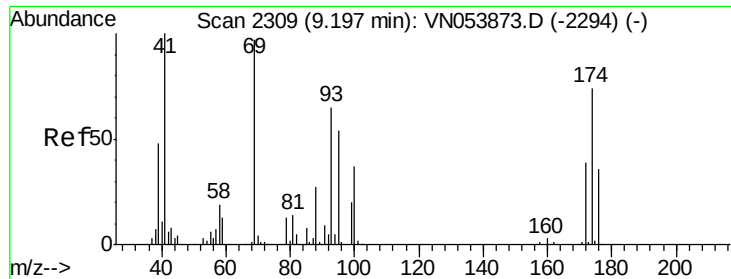


Abundance Ion 41.00 (40.70 to 41.70): VN053906.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053906.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053906.D (-2216) (-)





#49

1,4-Dioxane

Concen: 384.302 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

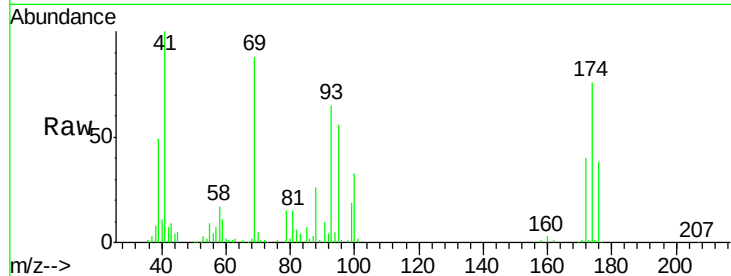
Tot Ion: 88 Resp: 25479

Ion Ratio Lower Upper

88 100

43 31.2 21.2 31.8

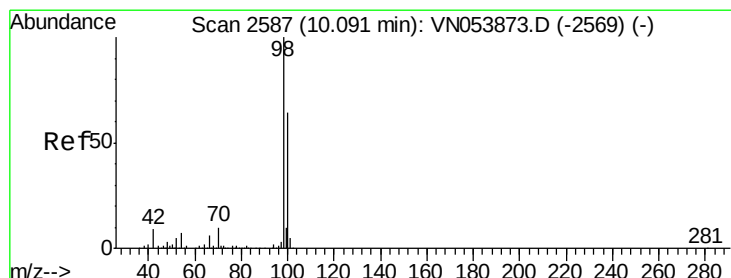
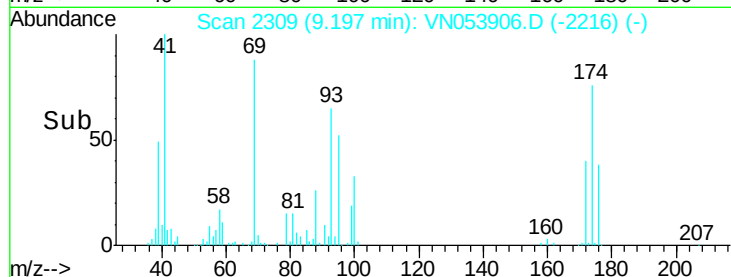
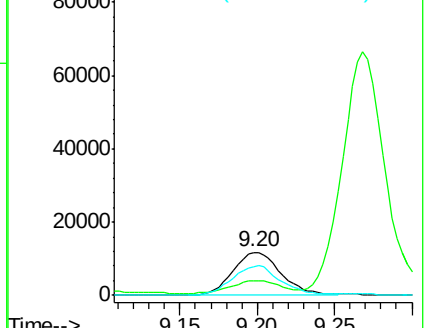
58 69.0 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053906.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053906.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053906.D (-2216) (-)



#50

Toluene-d8

Concen: 50.717 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053906.D

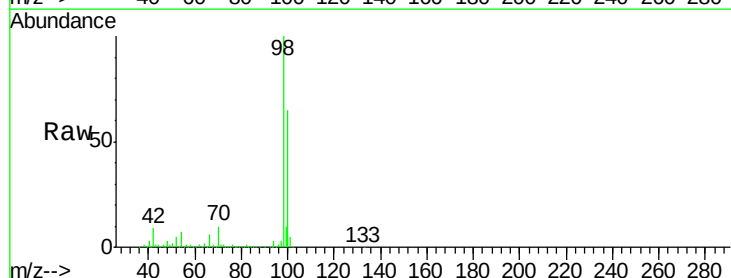
Acq: 22 Feb 2019 10:52

Tgt Ion: 98 Resp: 1218323

Ion Ratio Lower Upper

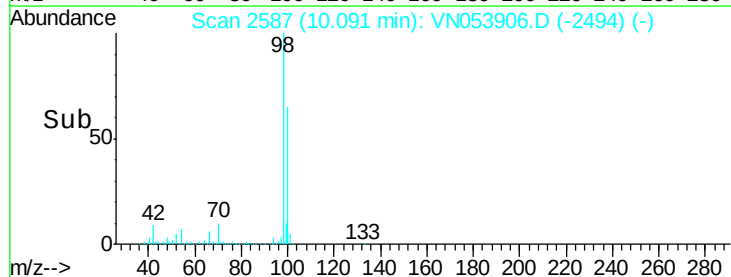
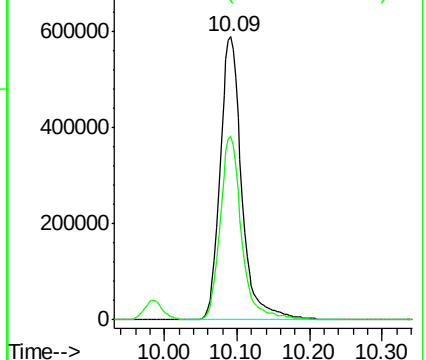
98 100

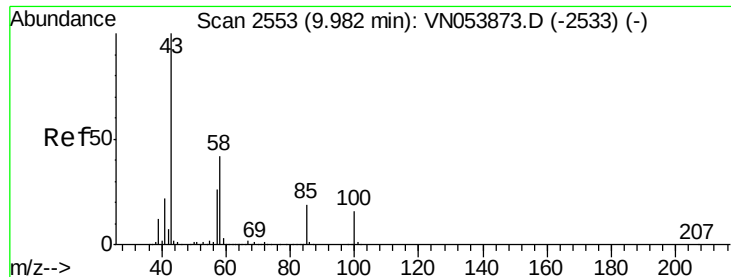
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053906.D (-2494) (-)

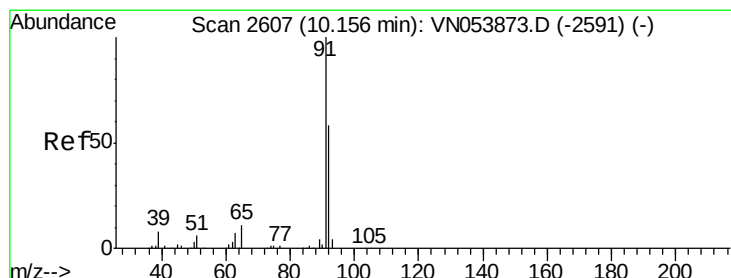
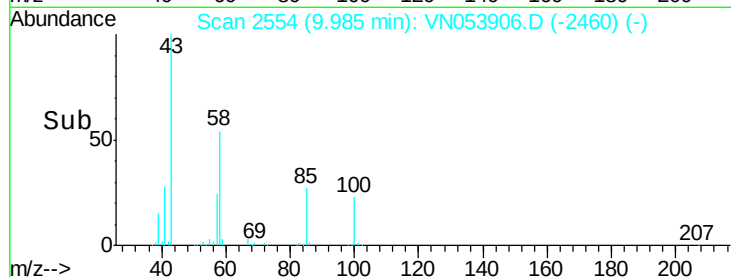
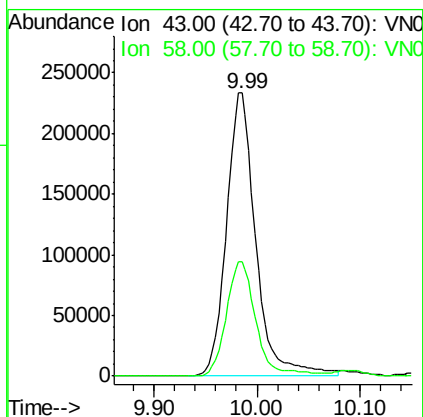
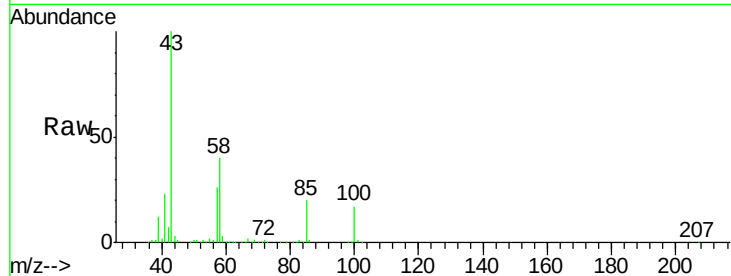
Ion 100.00 (99.70 to 100.70): VN053906.D (-2494) (-)





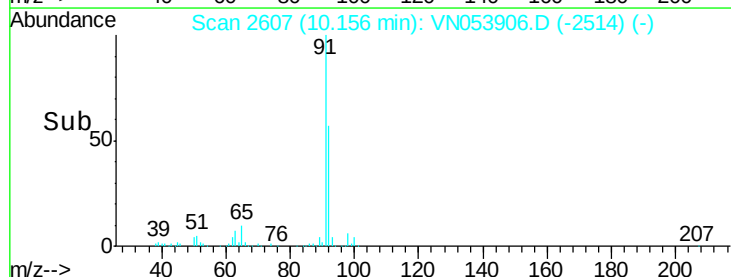
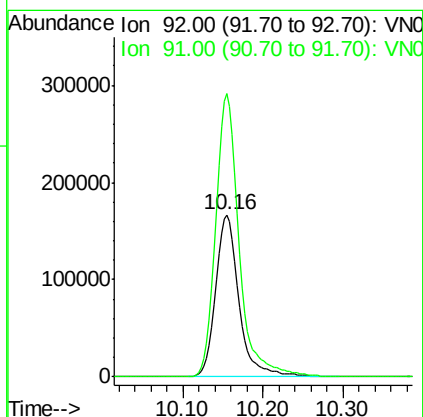
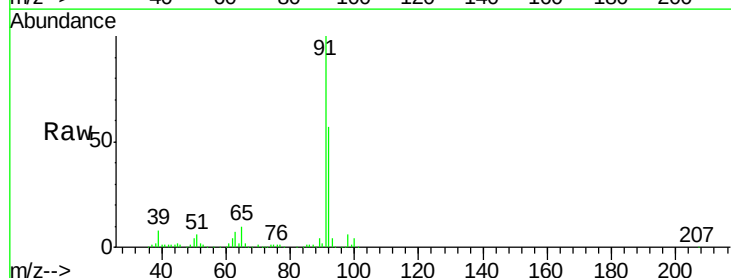
#51
 4-Methyl-2-Pentanone
 Concen: 94.467 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

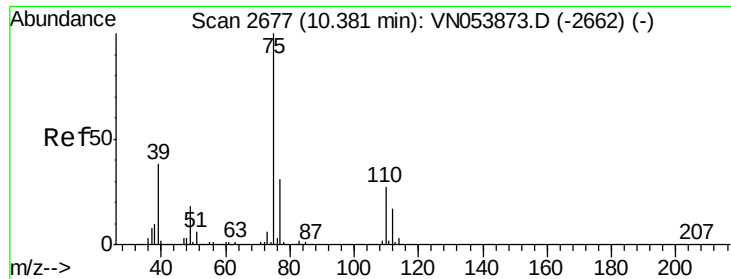
Tot Ion: 43 Resp: 459715
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.7 49.1



#52
 Toluene
 Concen: 20.776 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion: 92 Resp: 338116
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.4 207.6

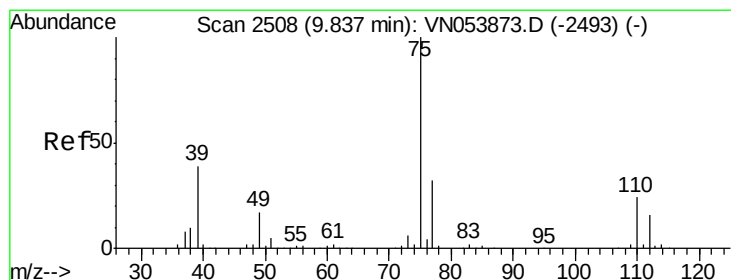
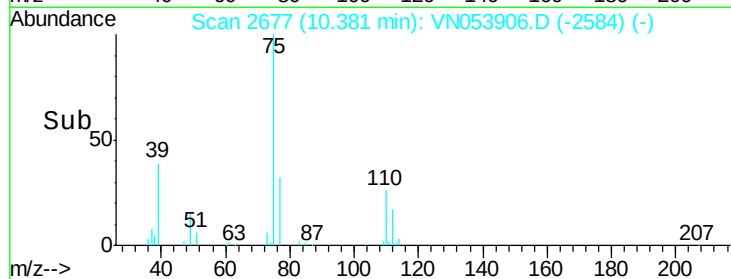
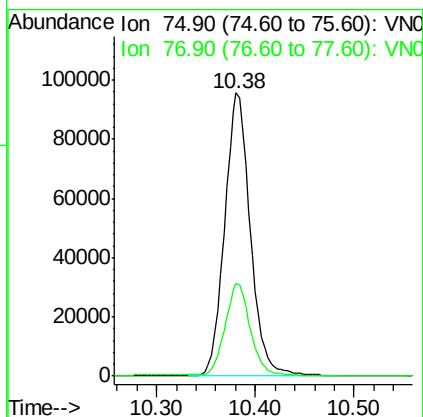
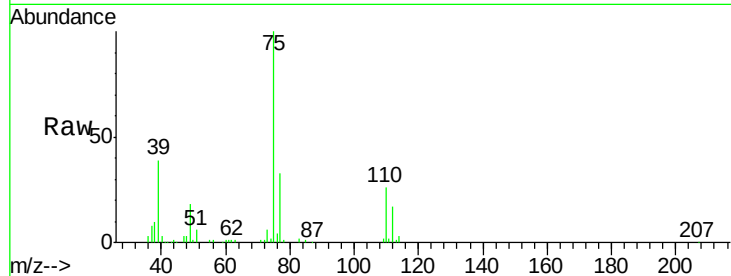




#53
t-1,3-Dichloropropene
Concen: 20.195 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion: 75 Resp: 174638

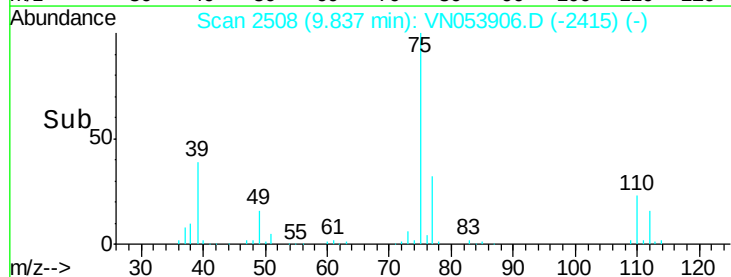
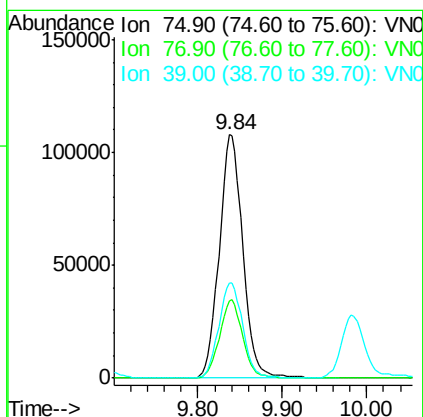
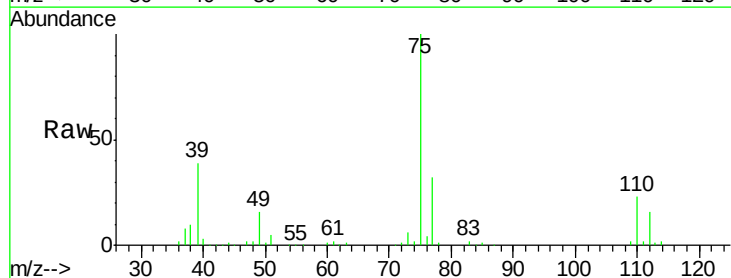
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6

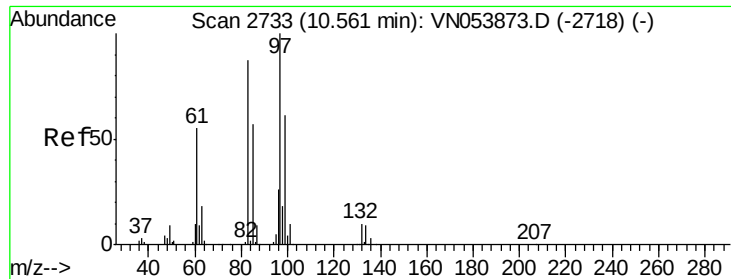


#54
cis-1,3-Dichloropropene
Concen: 20.497 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion: 75 Resp: 208917

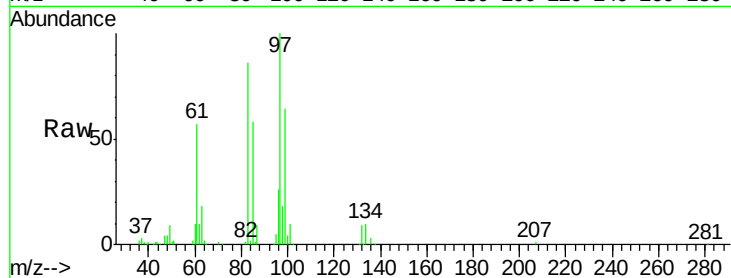
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	39.1	31.4	47.0



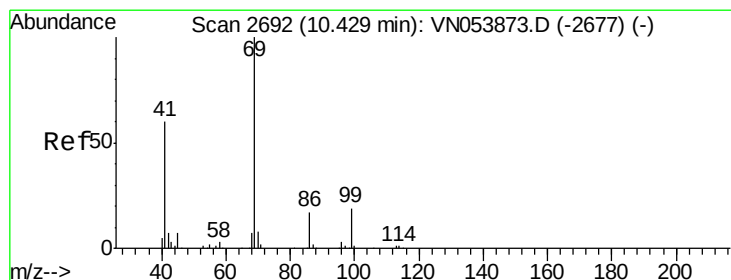
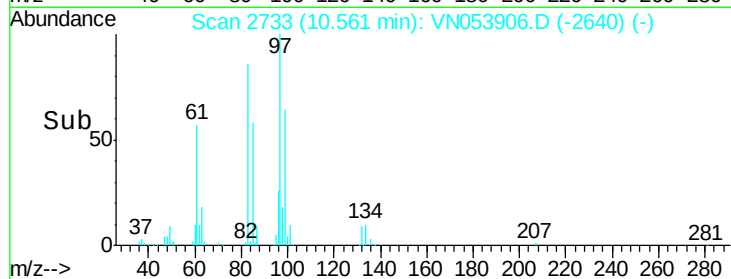
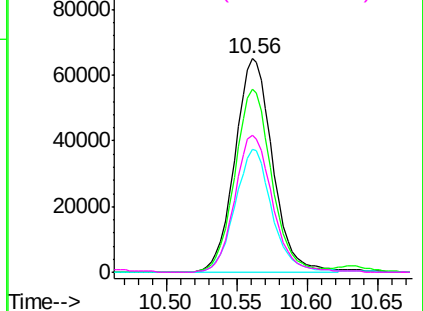


#55
 1,1,2-Trichloroethane
 Concen: 20.467 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tot Ion:	97	Resp:	121759
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.5	104.3
85	57.8	45.9	68.9
99	64.4	49.1	73.7

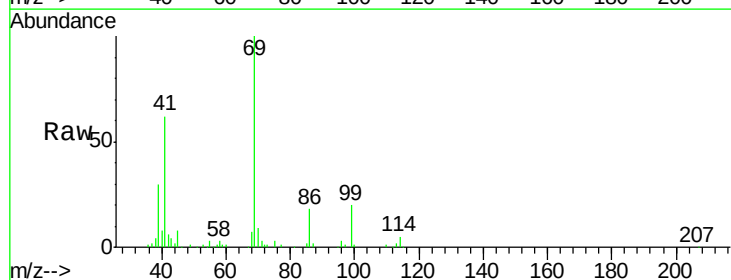


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

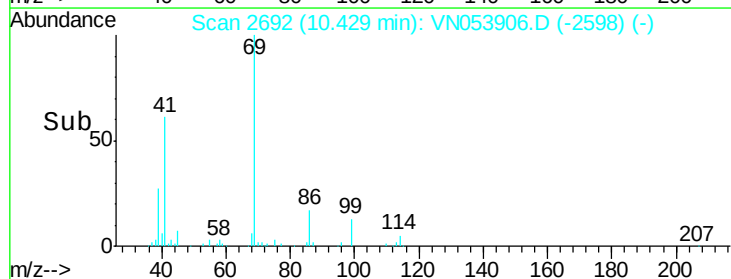
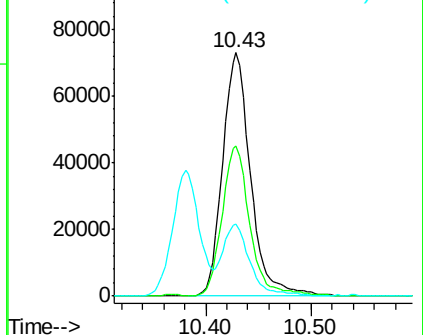


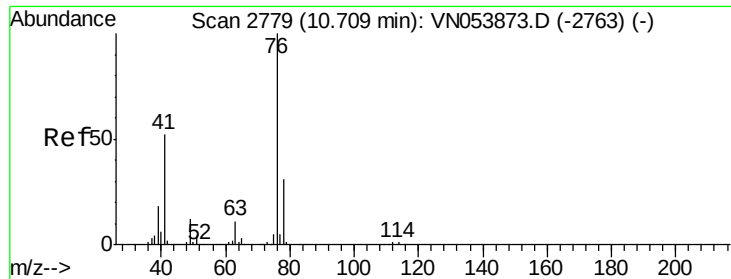
#56
 Ethyl methacrylate
 Concen: 19.097 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion:	69	Resp:	133857
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.5	71.3
39	28.9	23.4	35.0



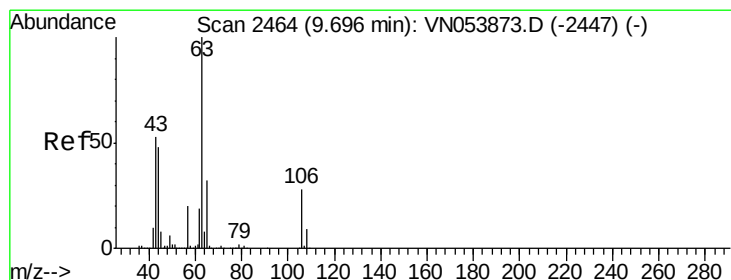
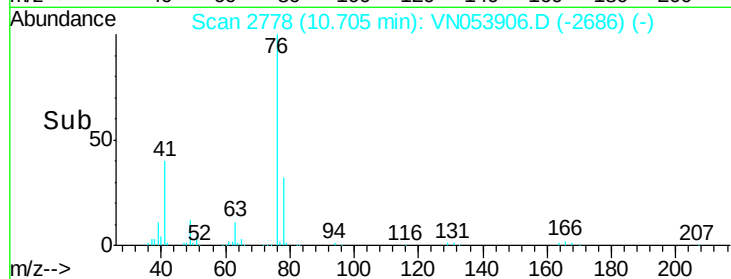
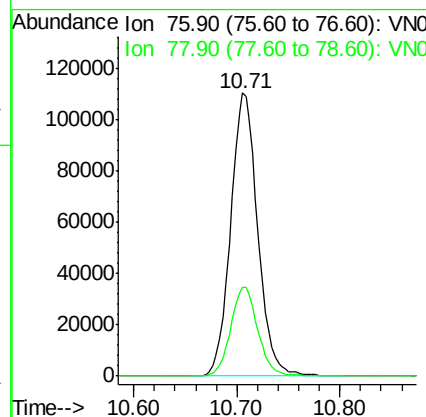
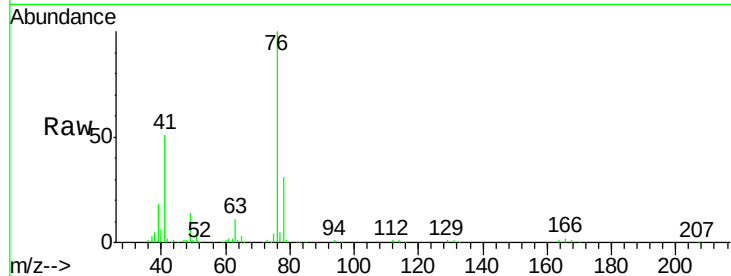
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





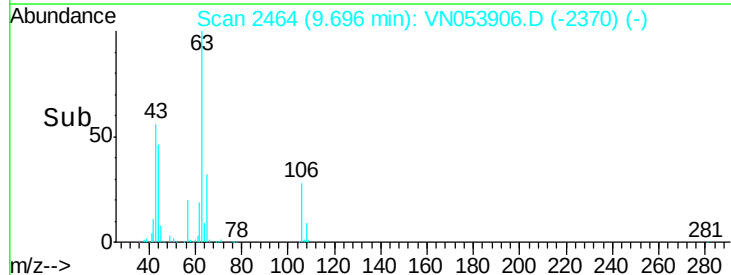
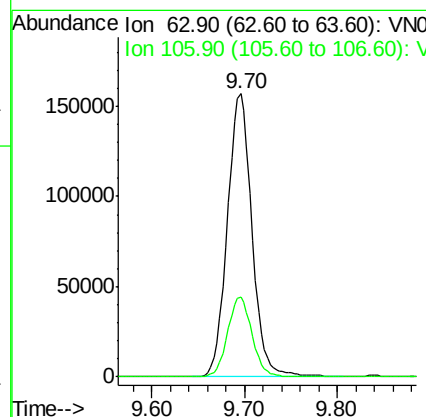
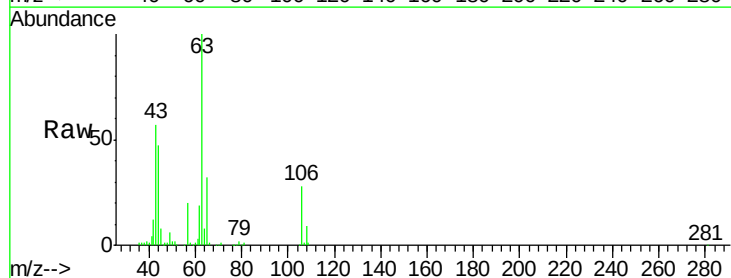
#57
 1,3-Dichloropropane
 Concen: 20.157 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

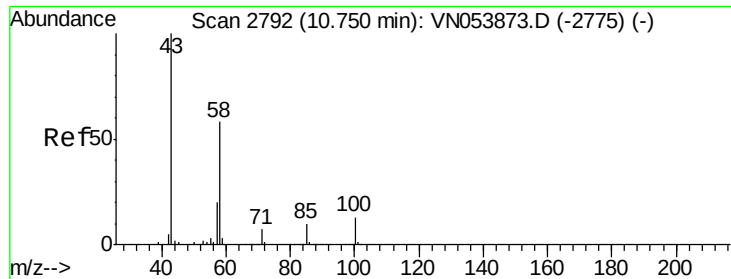
Tot Ion: 76 Resp: 201912
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.775 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

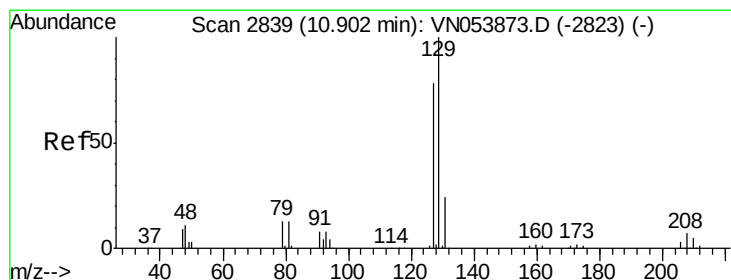
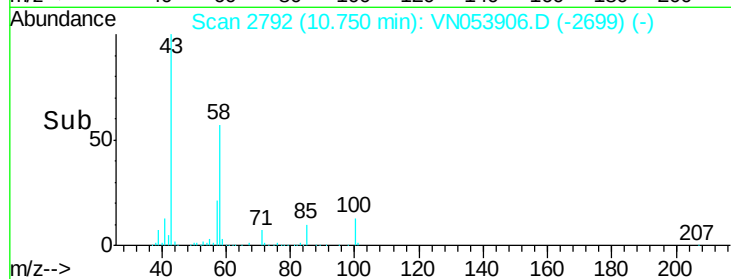
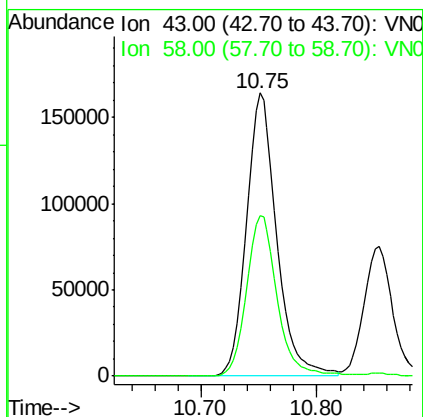
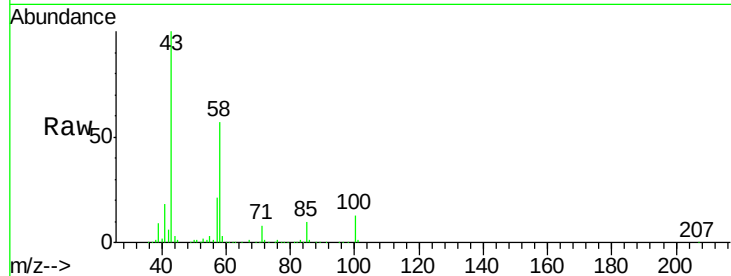
Tgt Ion: 63 Resp: 289261
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.2





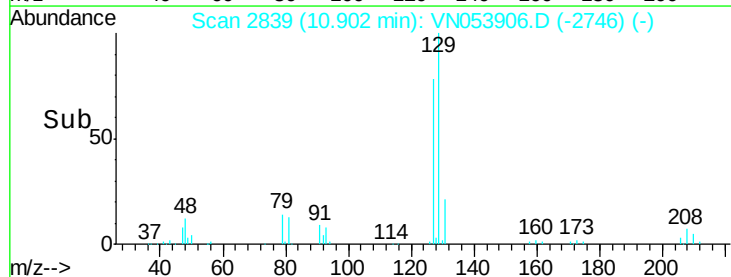
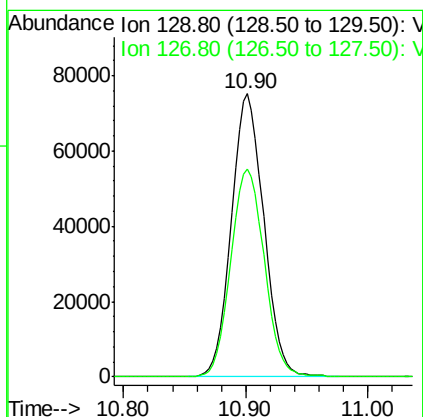
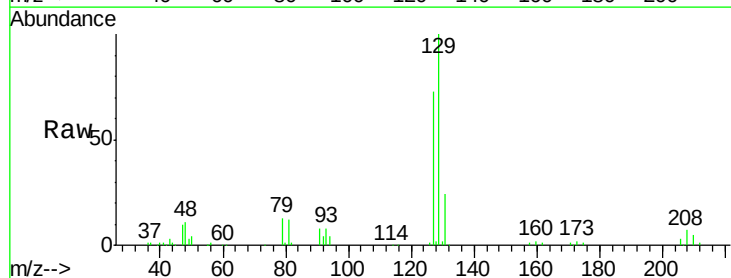
#59
2-Hexanone
Concen: 95.571 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

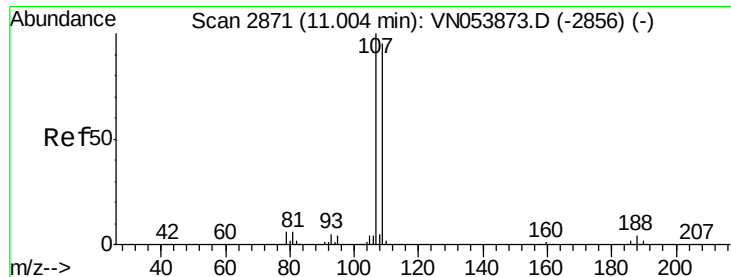
Tot Ion: 43 Resp: 297102
Ion Ratio Lower Upper
43 100
58 57.6 29.1 87.4



#60
Dibromochloromethane
Concen: 20.010 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

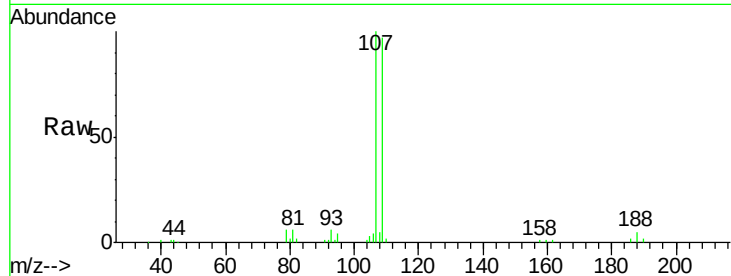
Tgt Ion: 129 Resp: 138951
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3



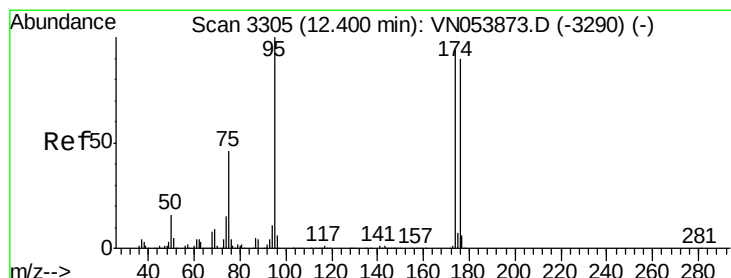
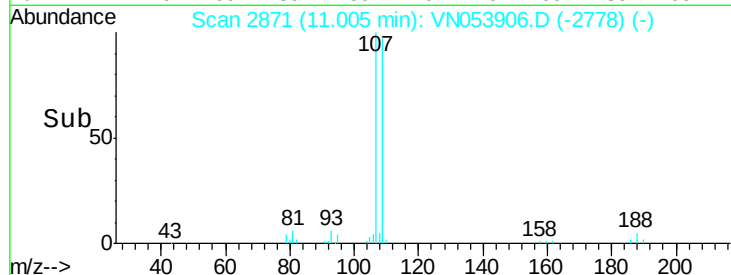
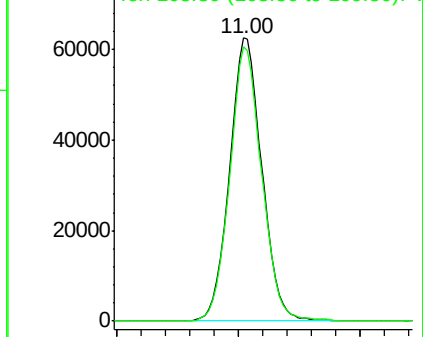


#61
1,2-Dibromoethane
Concen: 19.415 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion:107 Resp: 114753
Ion Ratio Lower Upper
107 100
109 96.2 76.3 114.5

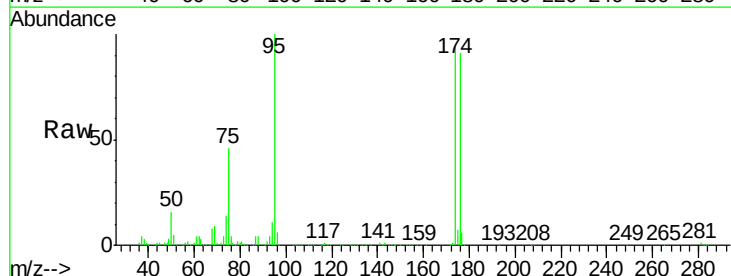


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

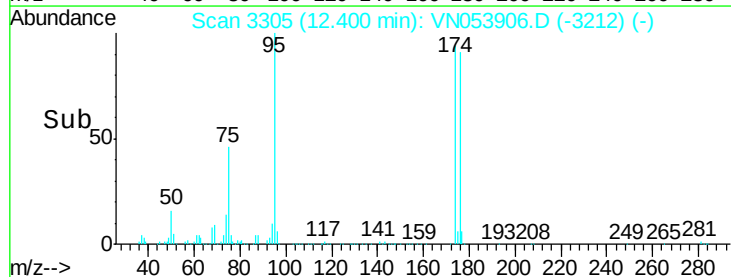
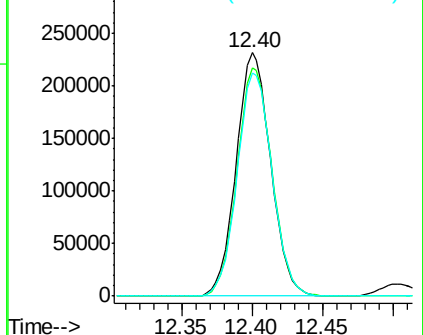


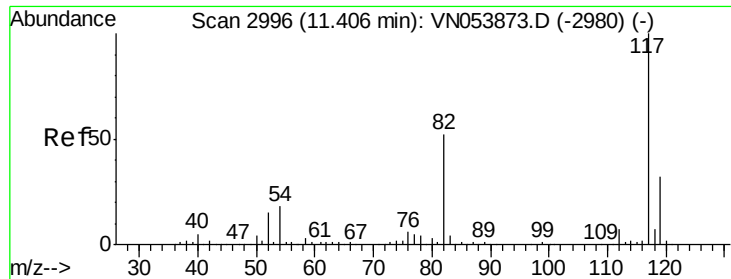
#62
4-Bromofluorobenzene
Concen: 50.061 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion: 95 Resp: 397018
Ion Ratio Lower Upper
95 100
174 94.5 0.0 188.8
176 92.8 0.0 182.6



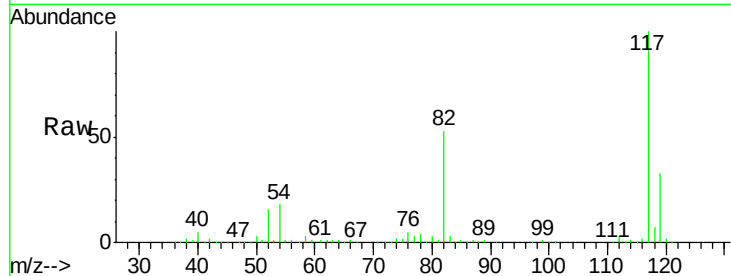
Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



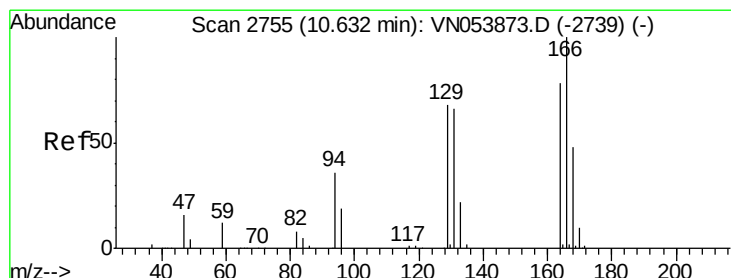
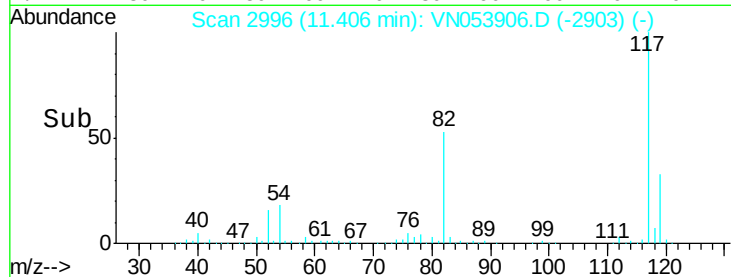
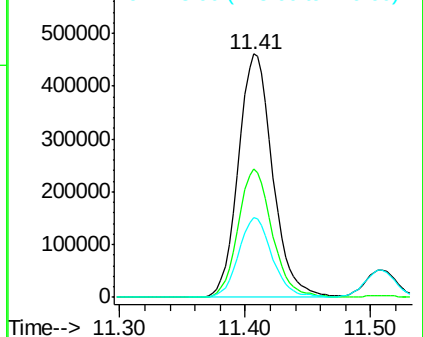


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion:117 Resp: 876349
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.2
119 32.7 25.3 37.9

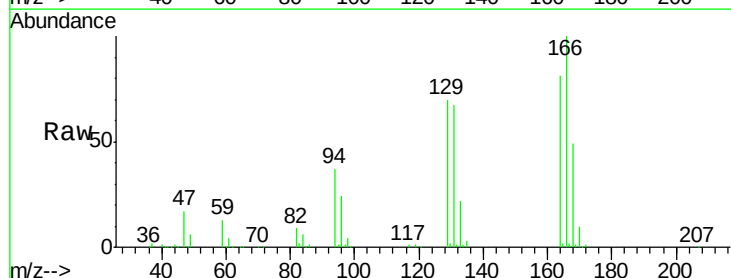


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

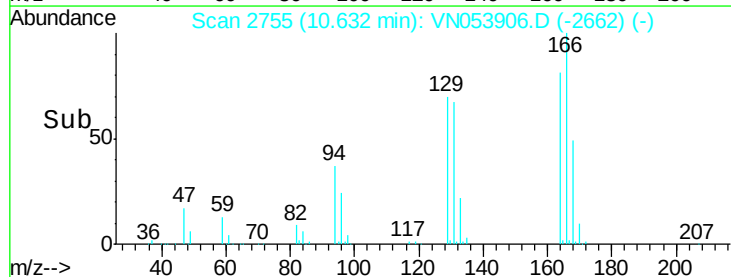
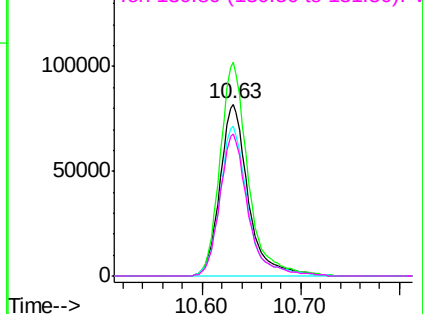


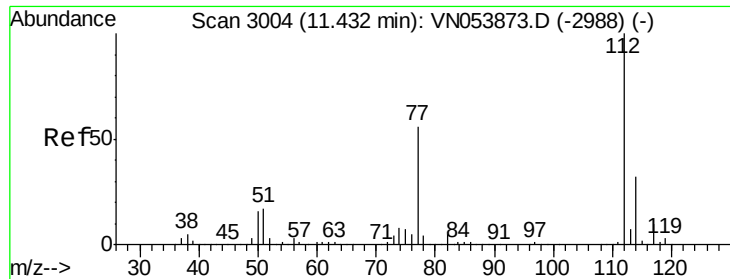
#64
Tetrachloroethene
Concen: 20.944 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion:164 Resp: 164125
Ion Ratio Lower Upper
164 100
166 124.1 102.6 153.8
129 86.7 69.4 104.0
131 82.7 68.1 102.1



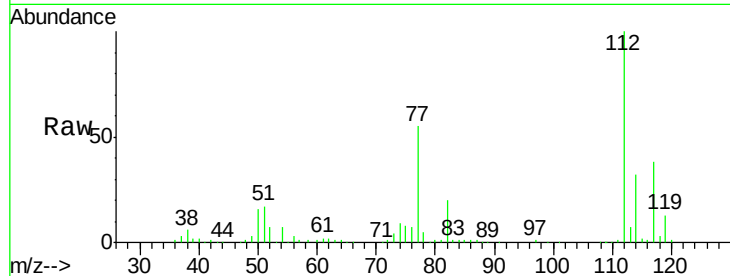
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



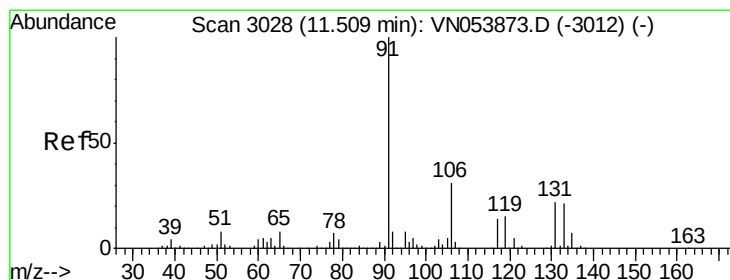
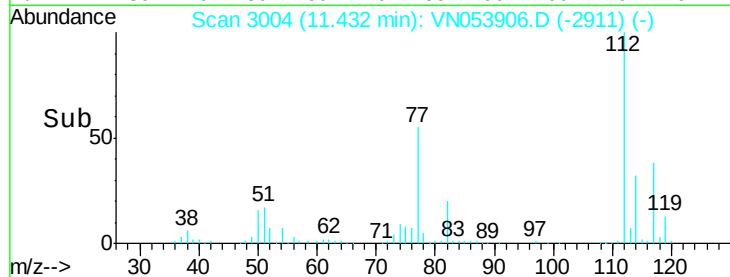
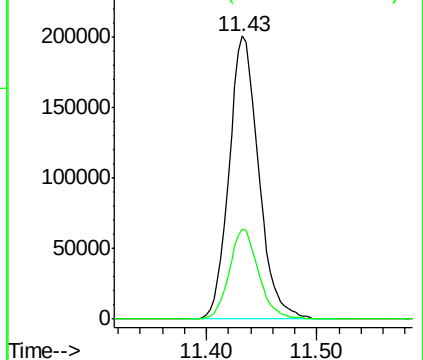


#65
Chlorobenzene
Concen: 20.324 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion:112 Resp: 372806
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

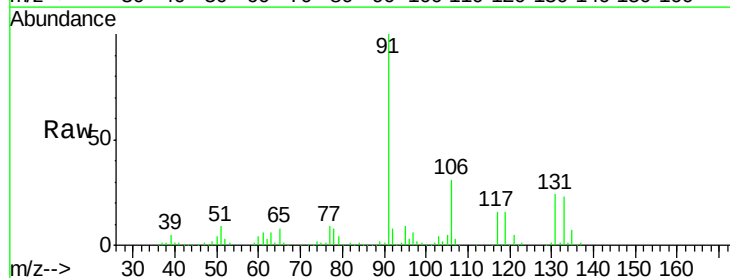


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

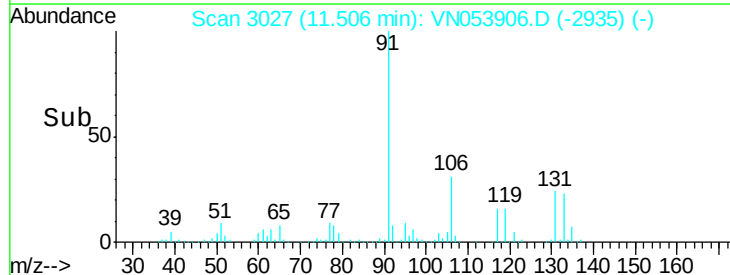
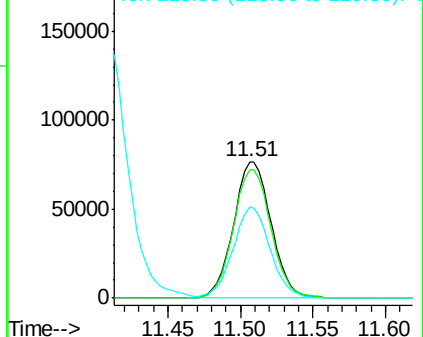


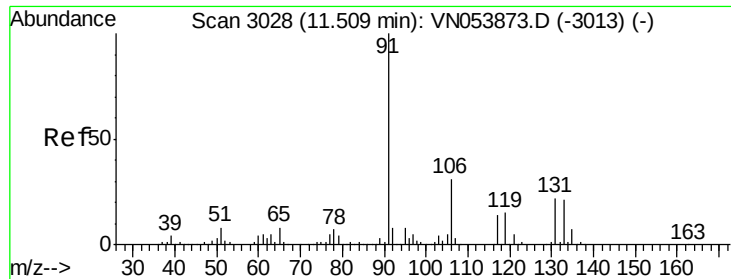
#66
1,1,1,2-Tetrachloroethane
Concen: 20.601 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion:131 Resp: 137899
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 66.1 33.1 99.3



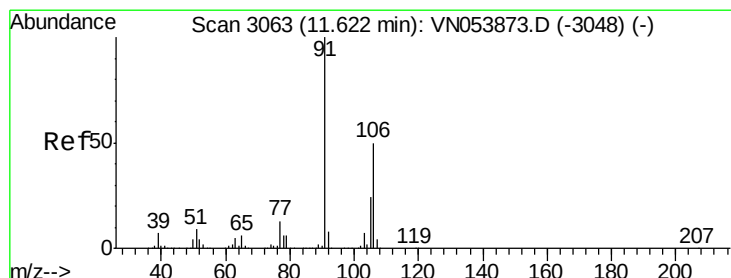
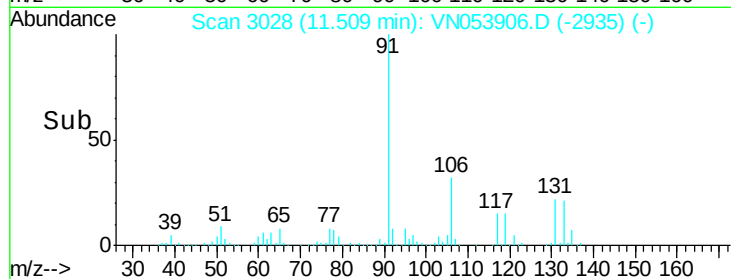
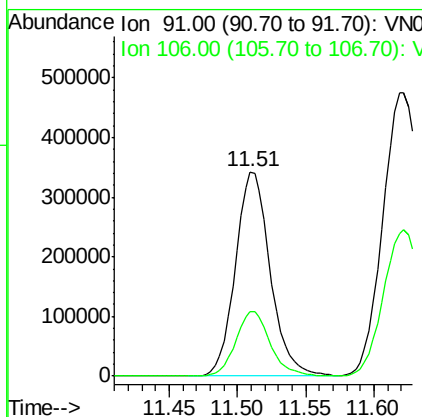
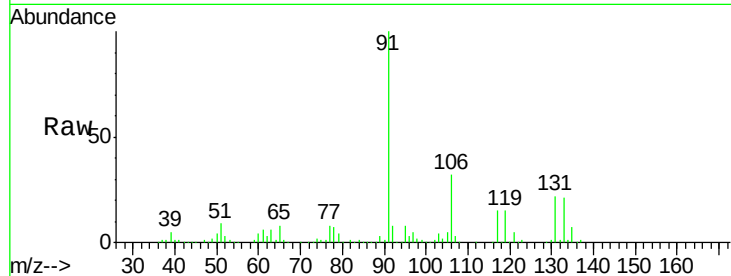
Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





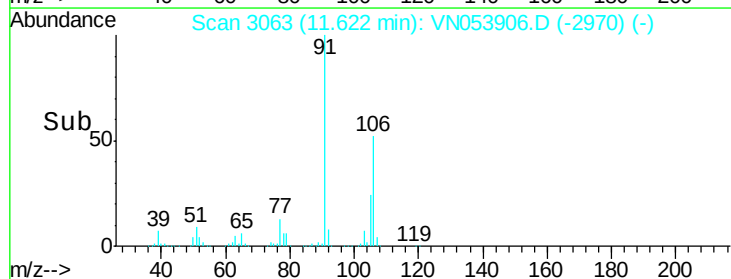
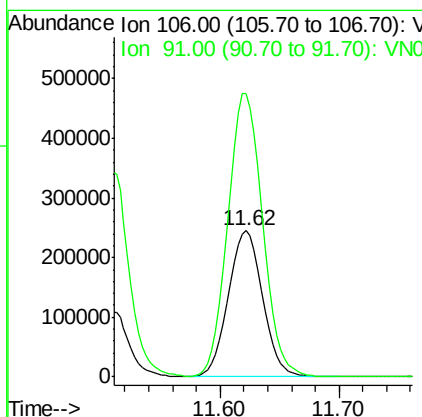
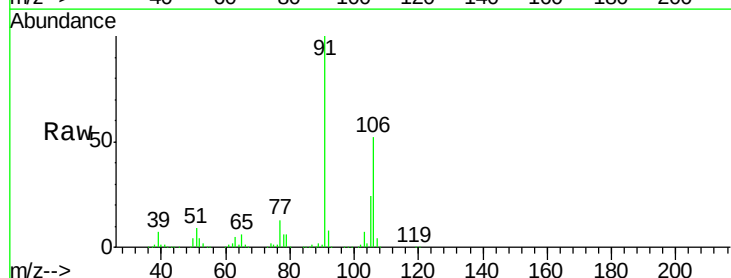
#67
Ethyl Benzene
Concen: 20.461 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

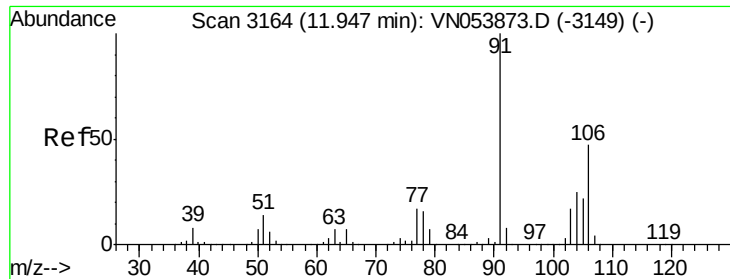
Tot Ion: 91 Resp: 607419
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 42.713 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

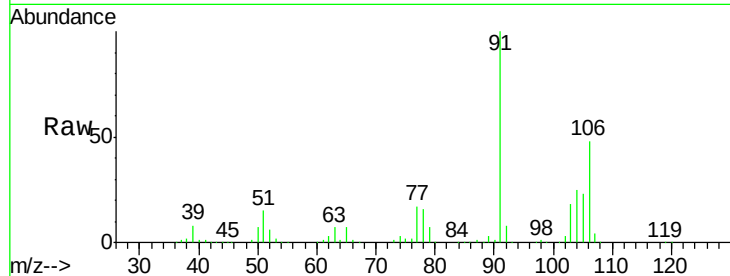
Tgt Ion: 106 Resp: 490968
Ion Ratio Lower Upper
106 100
91 196.3 158.9 238.3



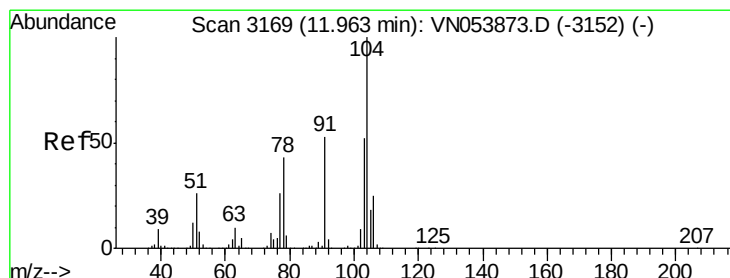
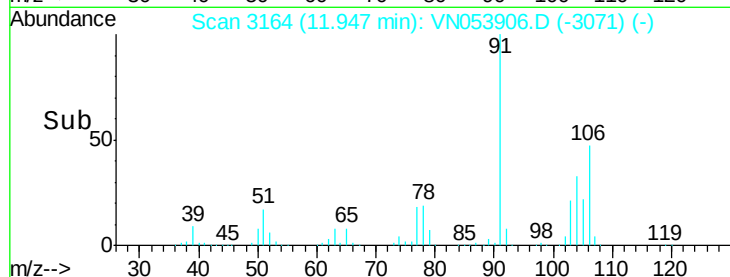
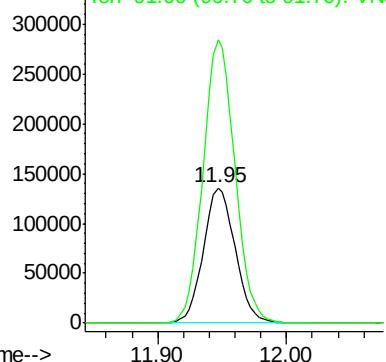


#69
o-Xylene
Concen: 21.041 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion:106 Resp: 232837
Ion Ratio Lower Upper
106 100
91 209.9 106.0 318.0

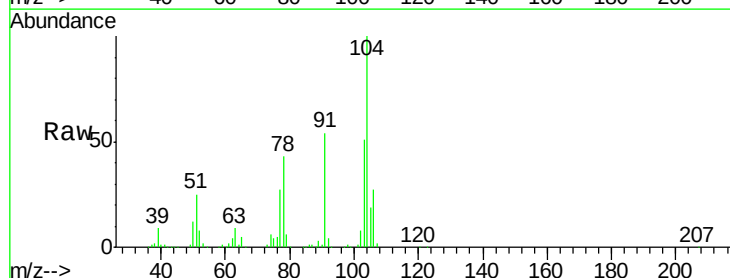


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

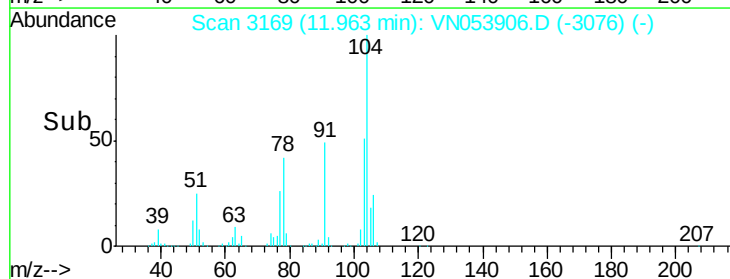
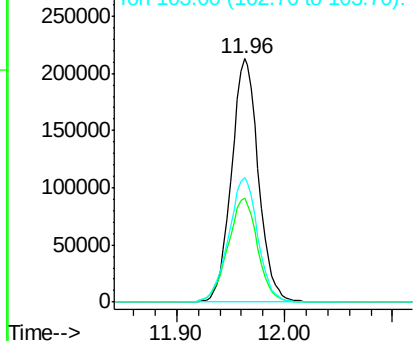


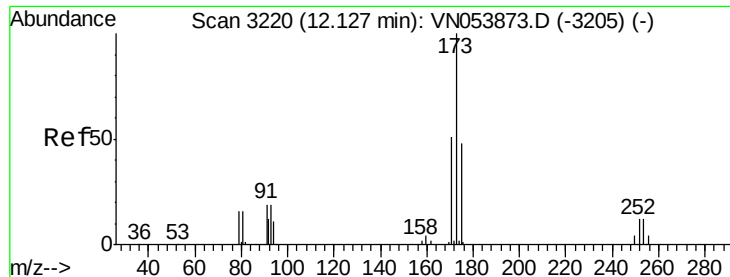
#70
Styrene
Concen: 21.394 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion:104 Resp: 371505
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 55.3 44.6 67.0



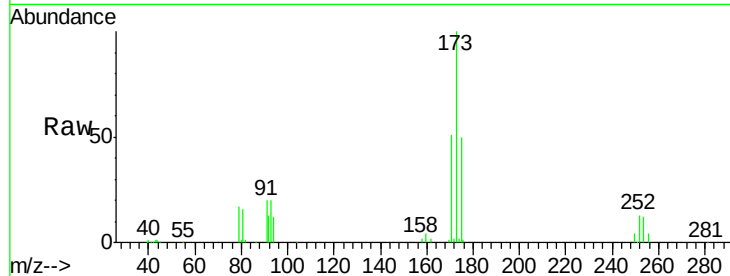
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



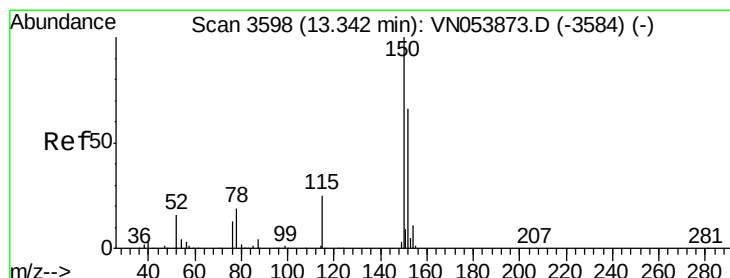
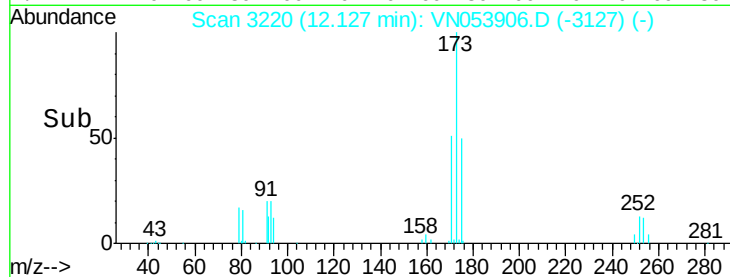
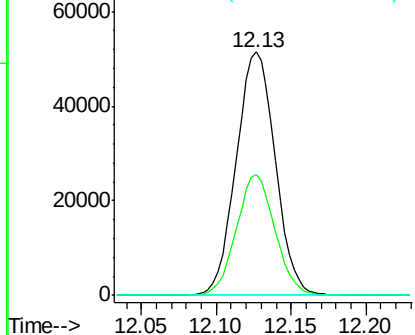


#71
Bromoform
Concen: 19.728 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tot Ion:173 Resp: 93716
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.0 0.2 0.2#

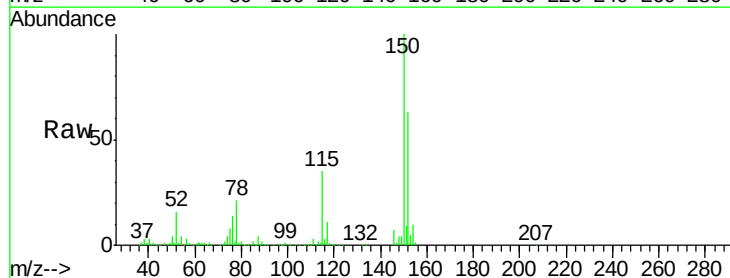


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

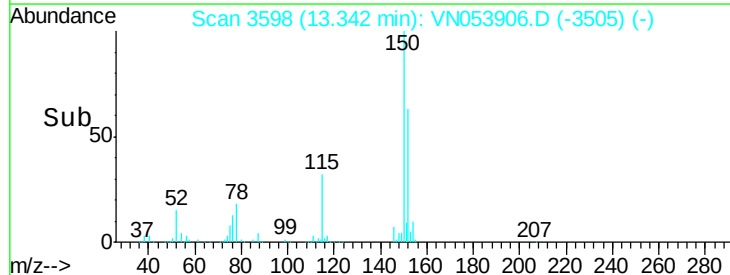
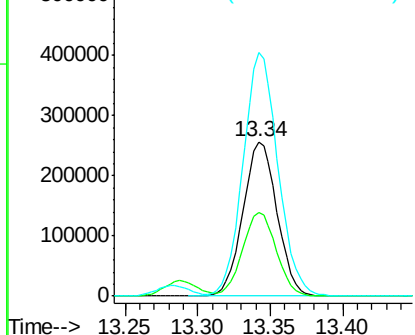


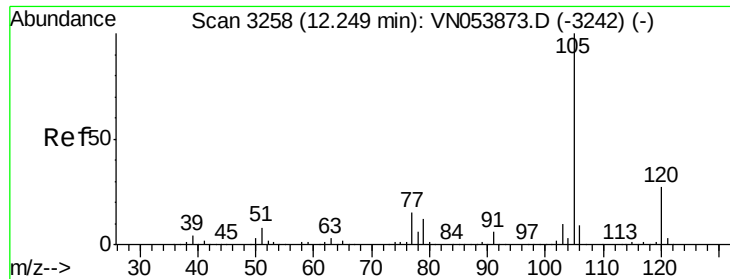
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

Tgt Ion:152 Resp: 418195
Ion Ratio Lower Upper
152 100
115 54.3 27.2 81.6
150 162.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.930 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053906.D

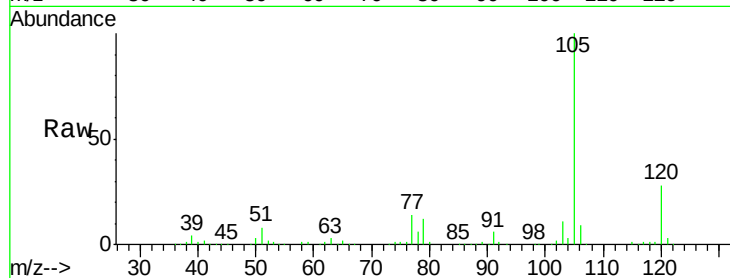
Acq: 22 Feb 2019 10:52

Tot Ion:105 Resp: 616633

Ion Ratio Lower Upper

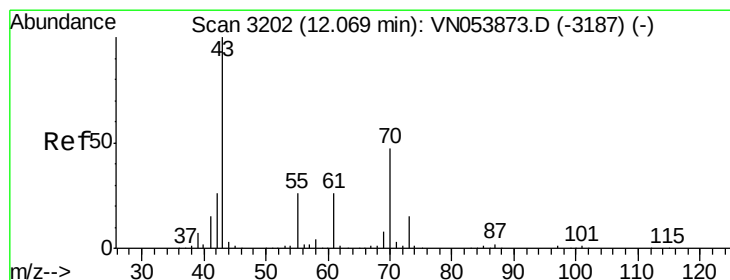
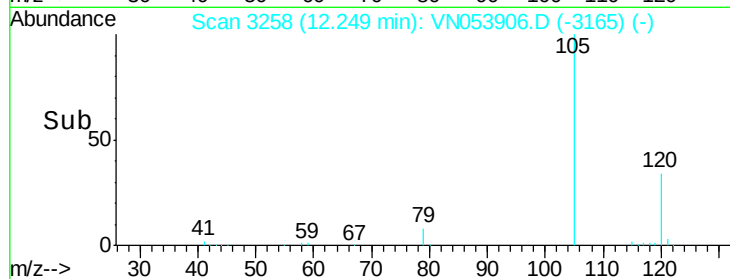
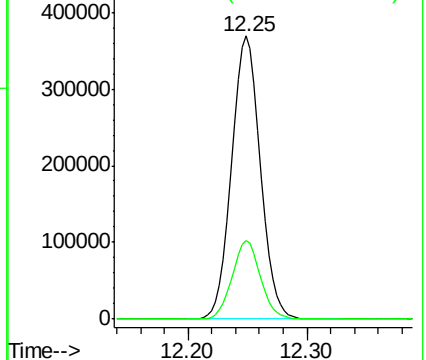
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.770 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tgt Ion: 43 Resp: 126986

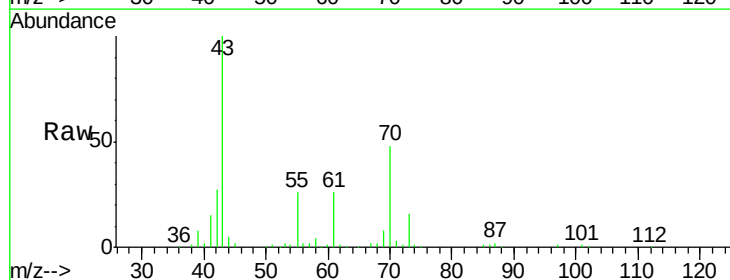
Ion Ratio Lower Upper

43 100

70 47.7 37.4 56.2

55 27.0 21.4 32.0

61 26.6 20.9 31.3

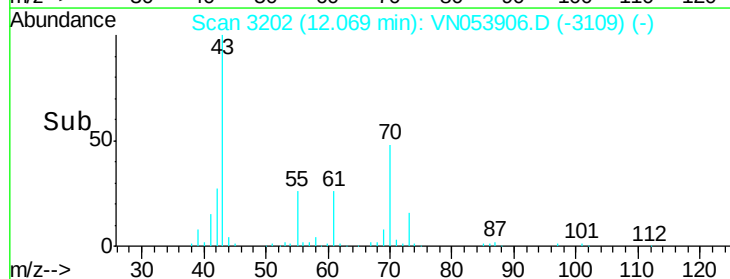
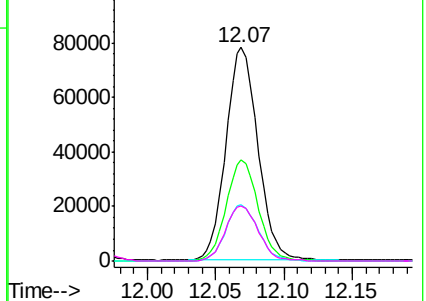


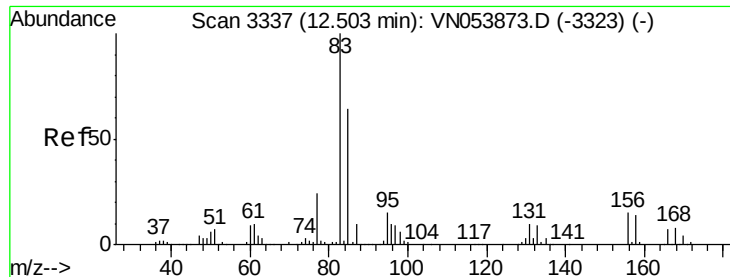
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.444 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

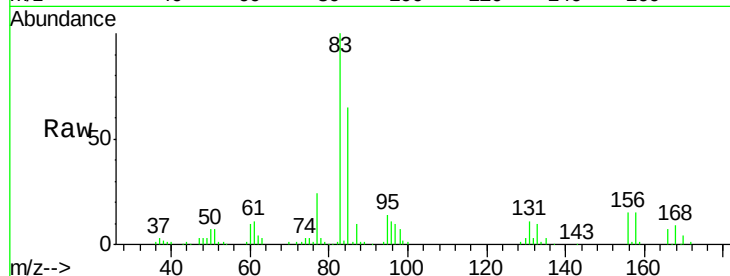
Tot Ion: 83 Resp: 135435

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

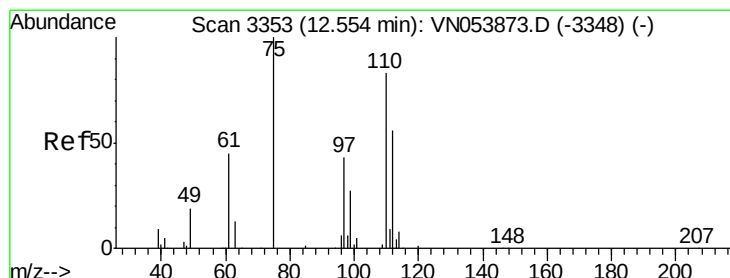
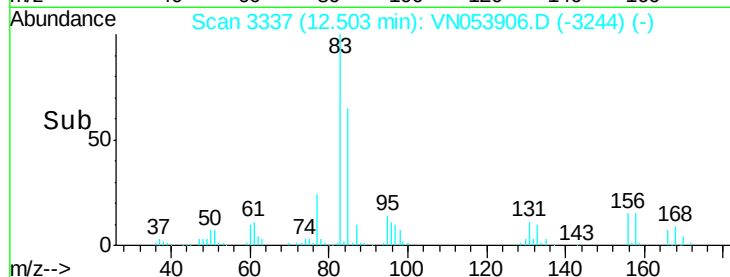
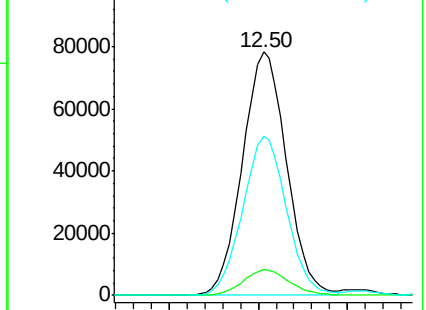
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 19.588 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053906.D

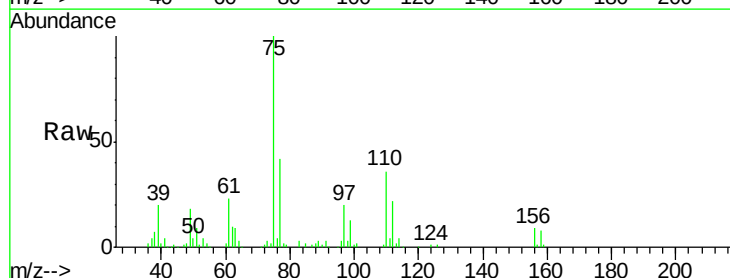
Acq: 22 Feb 2019 10:52

Tgt Ion: 75 Resp: 120253

Ion Ratio Lower Upper

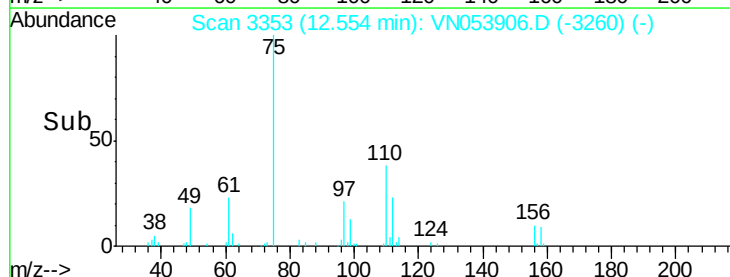
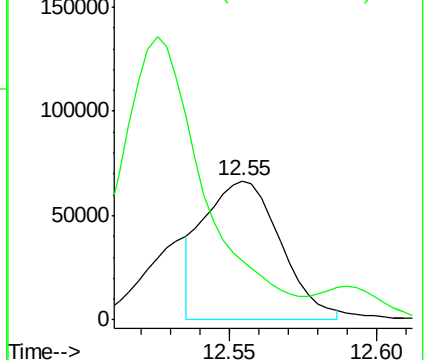
75 100

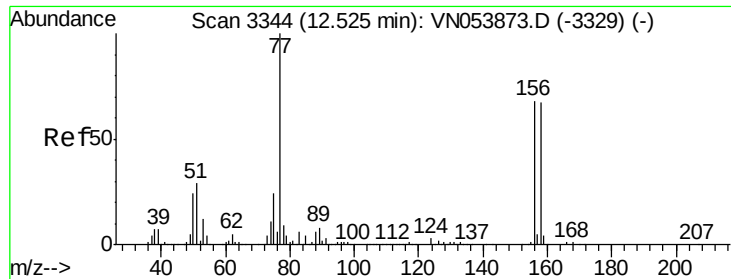
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.578 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

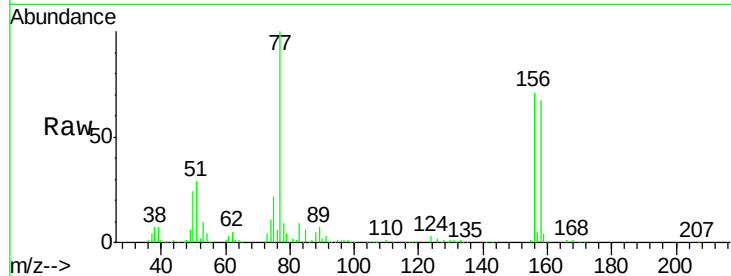
Tot Ion:156 Resp: 162631

Ion Ratio Lower Upper

156 100

77 166.9 84.0 252.2

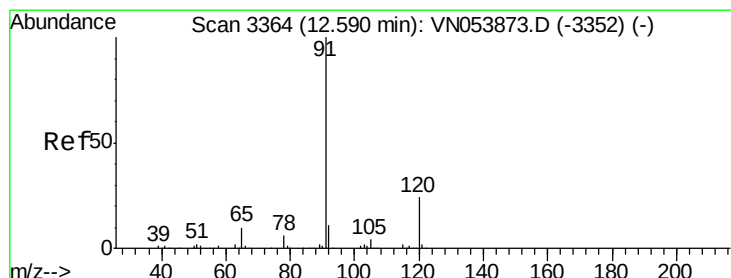
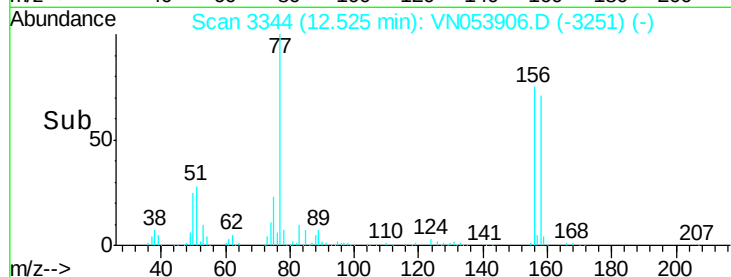
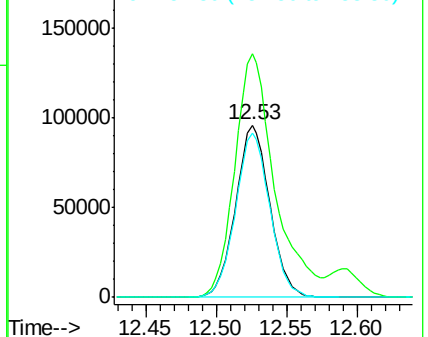
158 96.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.364 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053906.D

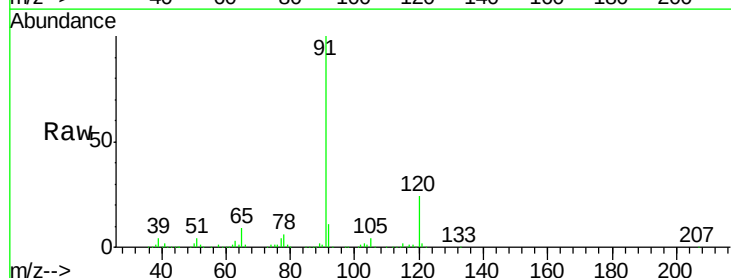
Acq: 22 Feb 2019 10:52

Tgt Ion: 91 Resp: 703853

Ion Ratio Lower Upper

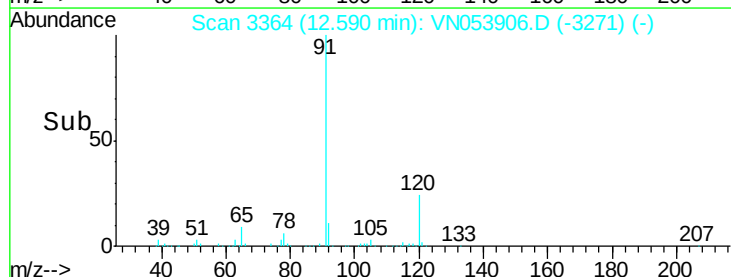
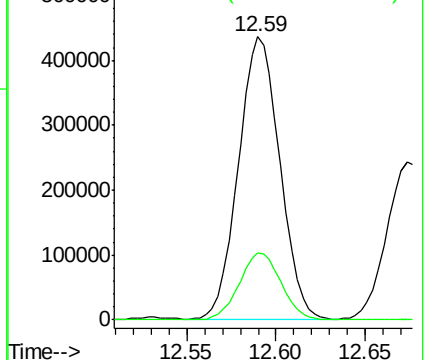
91 100

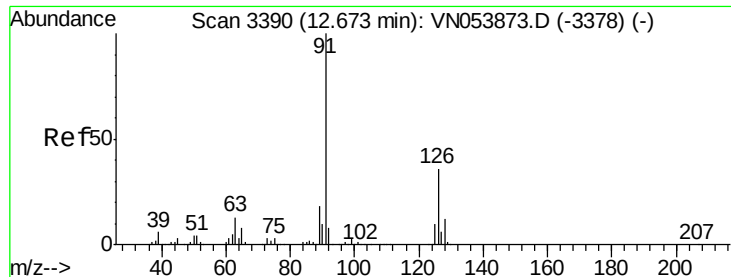
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.969 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053906.D

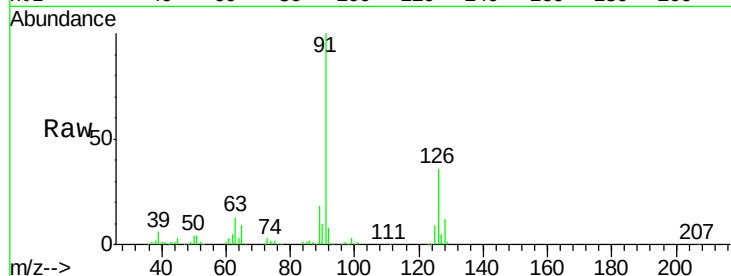
Acq: 22 Feb 2019 10:52

Tot Ion: 91 Resp: 416539

Ion Ratio Lower Upper

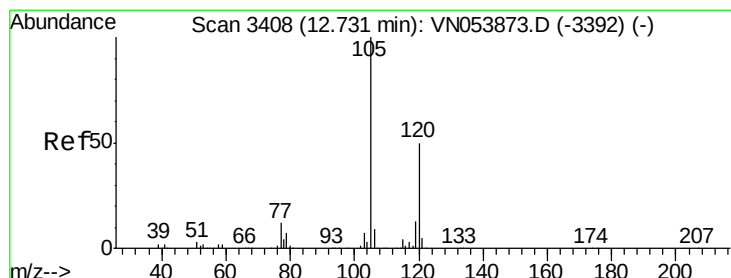
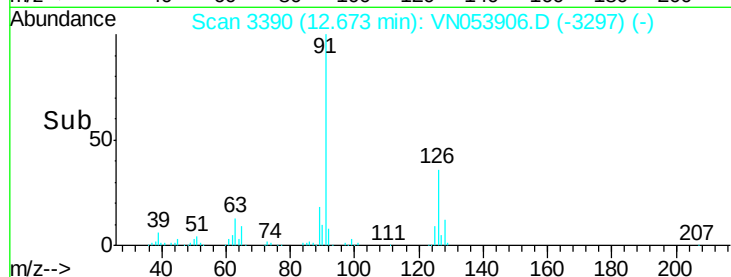
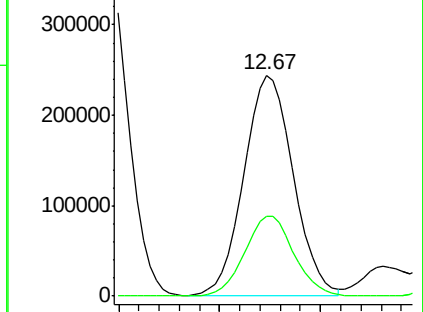
91 100

126 36.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN053873.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053873.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.890 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053906.D

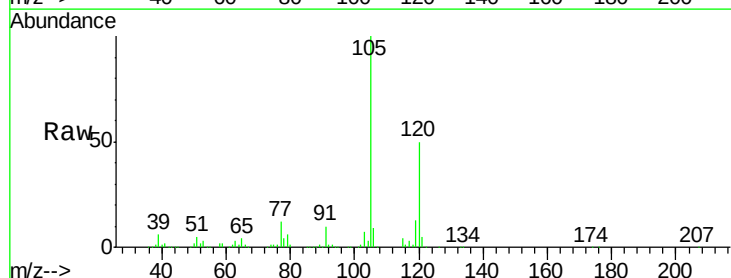
Acq: 22 Feb 2019 10:52

Tgt Ion: 105 Resp: 535311

Ion Ratio Lower Upper

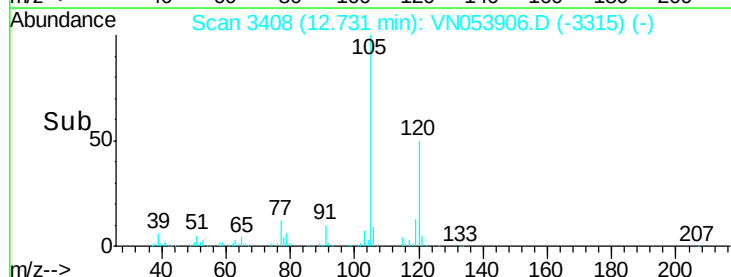
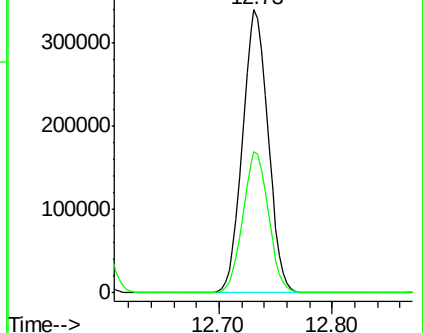
105 100

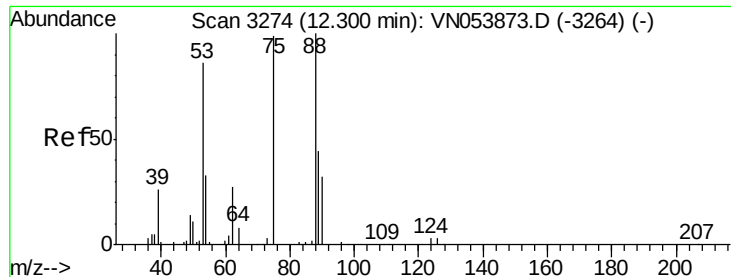
120 49.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053873.D (-3392) (-)

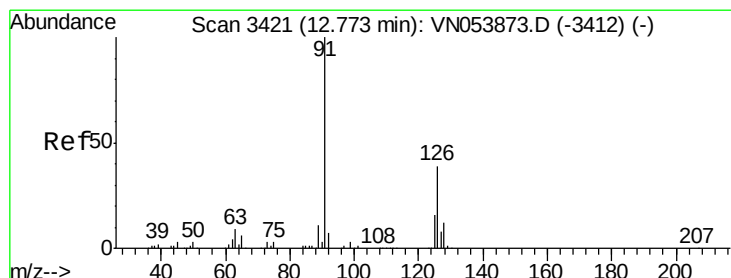
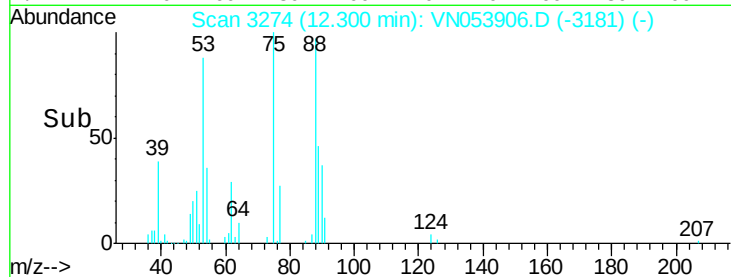
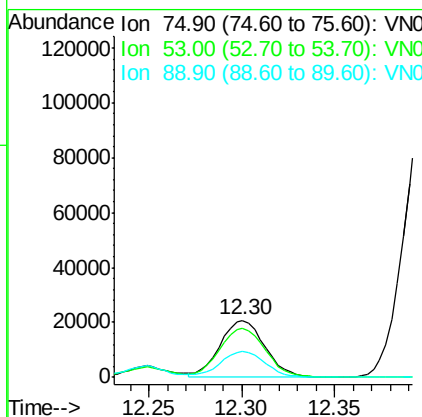
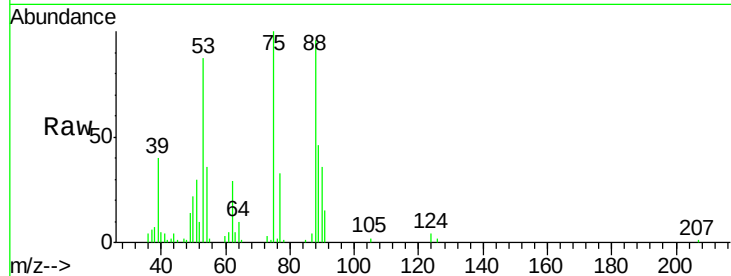
Ion 120.00 (119.70 to 120.70): VN053873.D (-3392) (-)





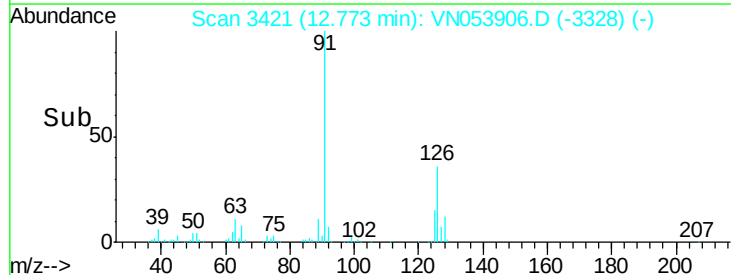
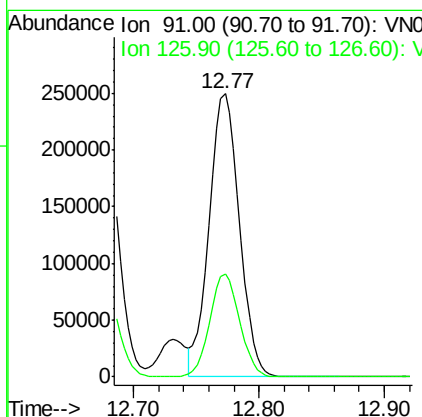
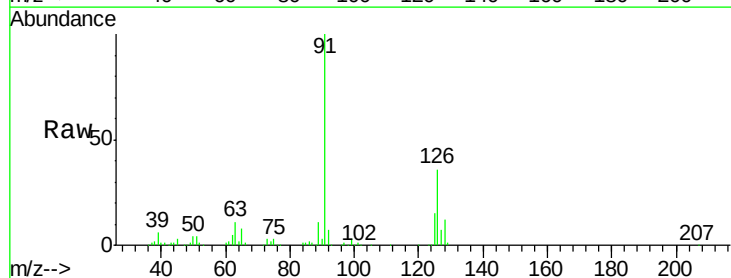
#81
trans-1,4-Dichloro-2-butene
Concen: 18.809 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

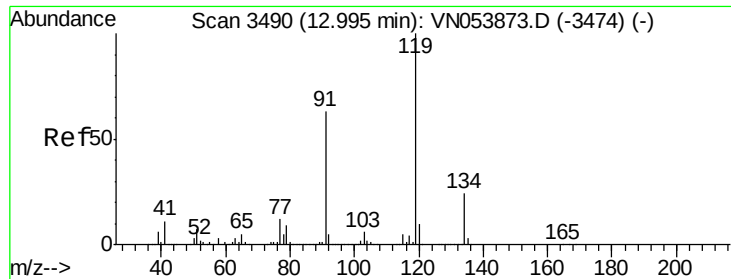
Tot Ion: 75 Resp: 34977
Ion Ratio Lower Upper
75 100
53 89.3 68.6 102.8
89 45.9 35.3 52.9



#82
4-Chlorotoluene
Concen: 21.118 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

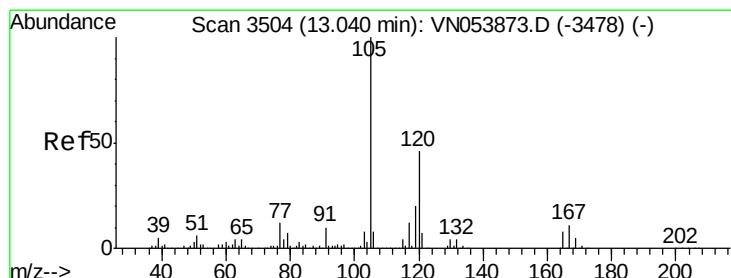
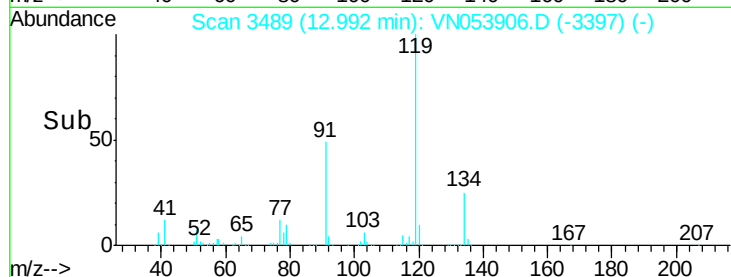
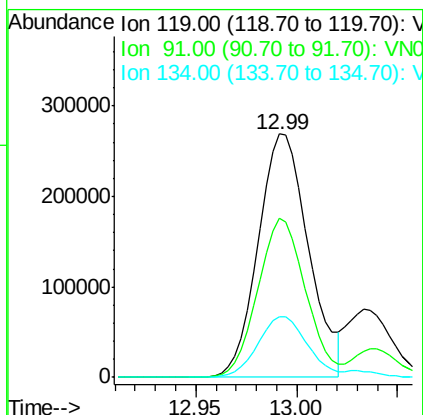
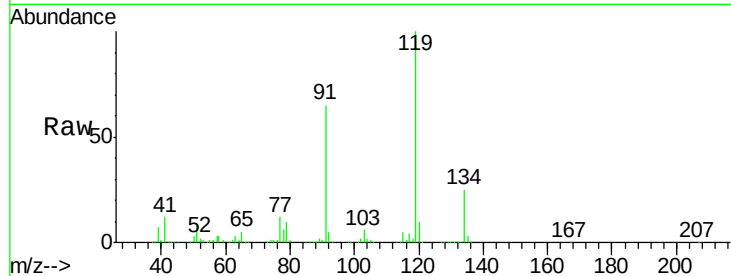
Tgt Ion: 91 Resp: 417921
Ion Ratio Lower Upper
91 100
126 35.7 18.0 54.0





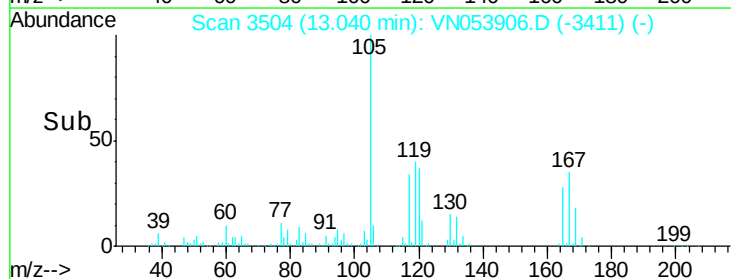
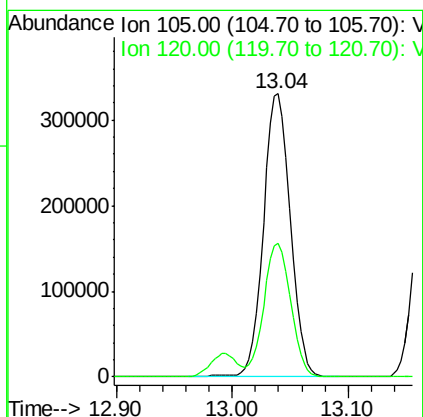
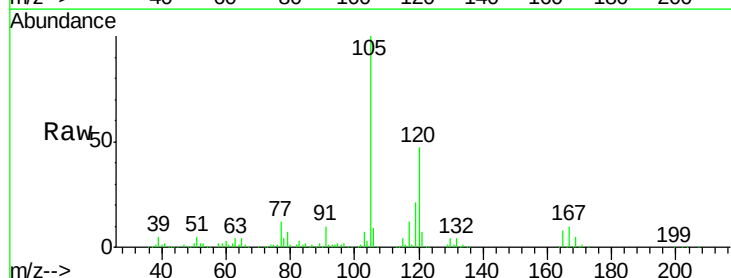
#83
 tert-Butylbenzene
 Concen: 21.301 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

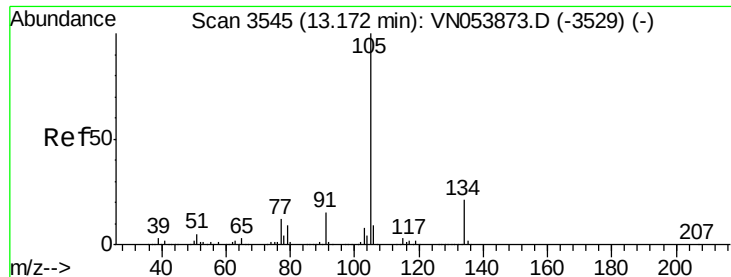
Tot Ion:119 Resp: 467742
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.6 91.8
 134 24.7 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.714 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion:105 Resp: 532588
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 21.349 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053906.D

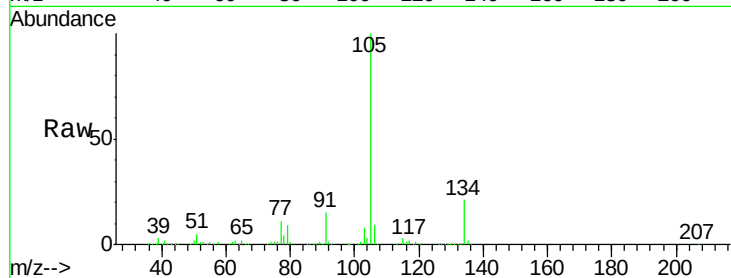
Acq: 22 Feb 2019 10:52

Tot Ion:105 Resp: 631204

Ion Ratio Lower Upper

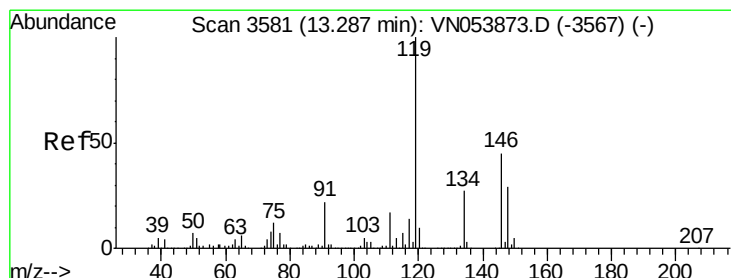
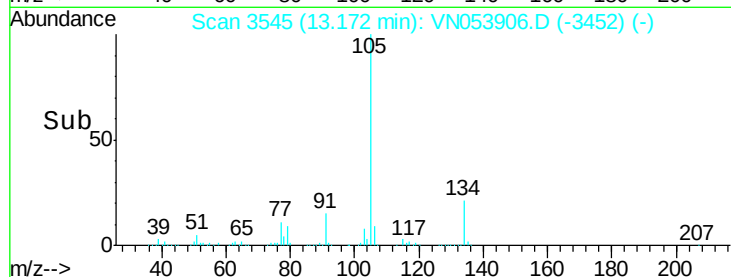
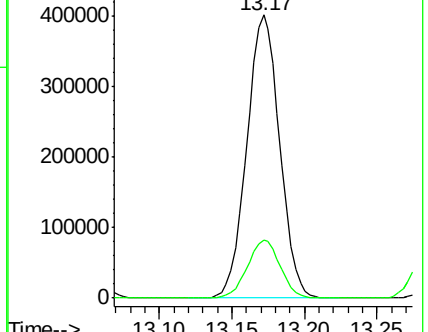
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.777 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

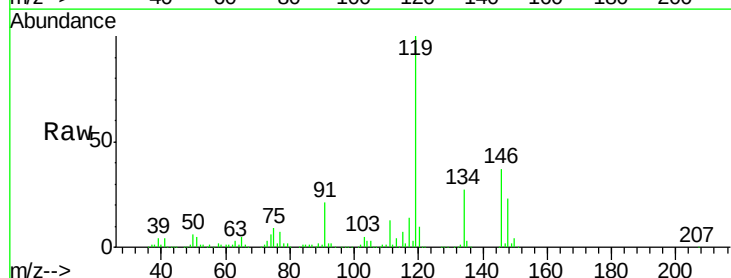
Tgt Ion:119 Resp: 558781

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

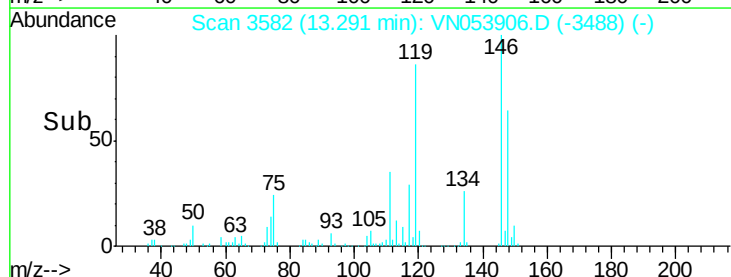
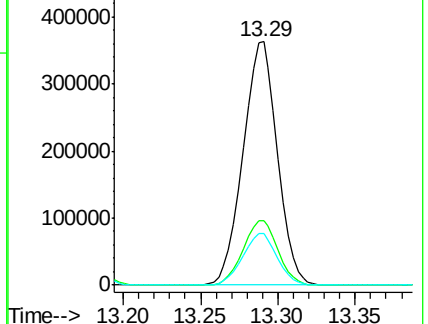
91 21.5 10.9 32.6

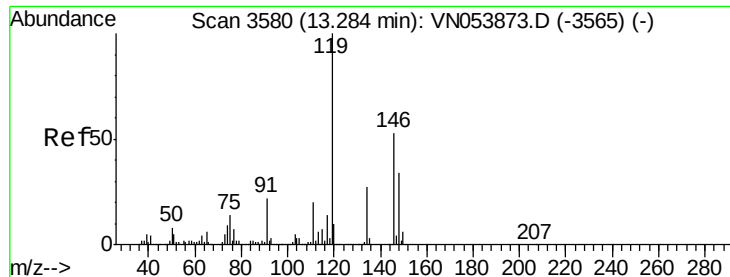


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

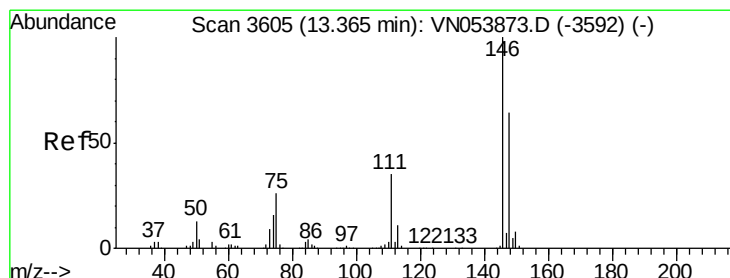
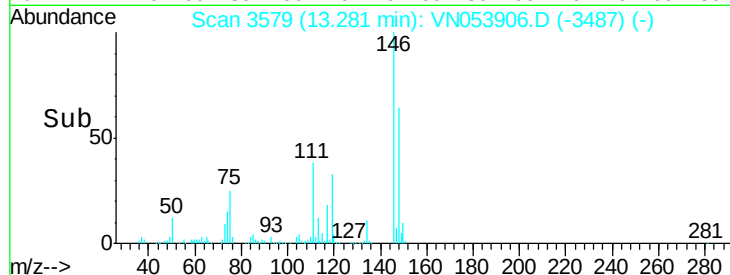
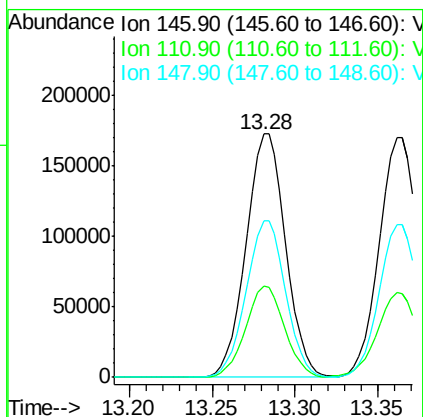
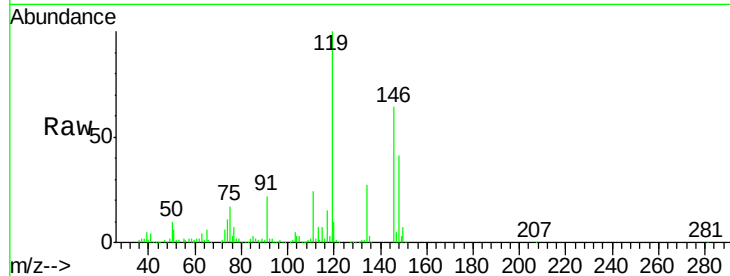
Ion 91.00 (90.70 to 91.70): V





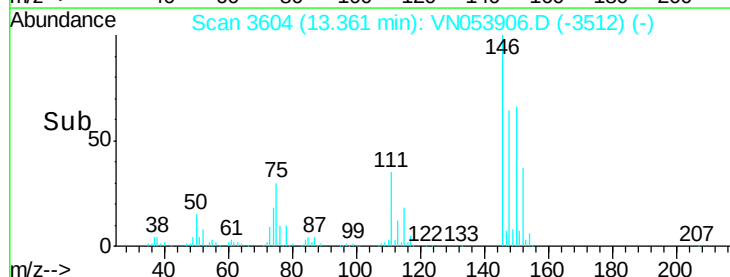
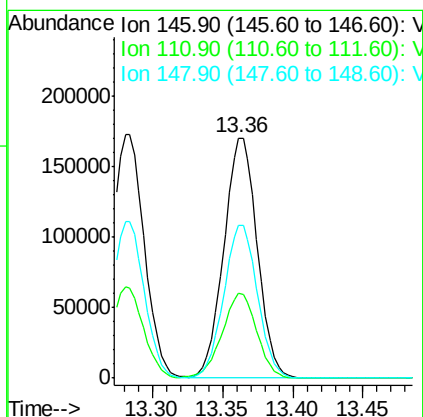
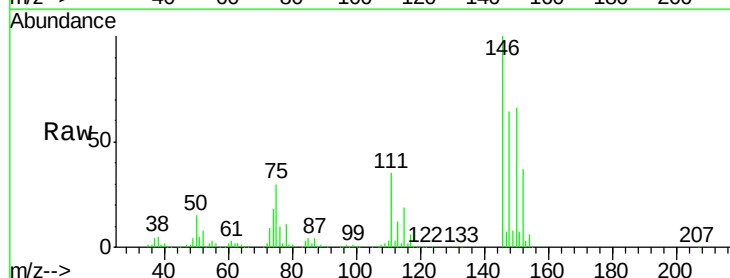
#87
 1,3-Dichlorobenzene
 Concen: 20.789 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

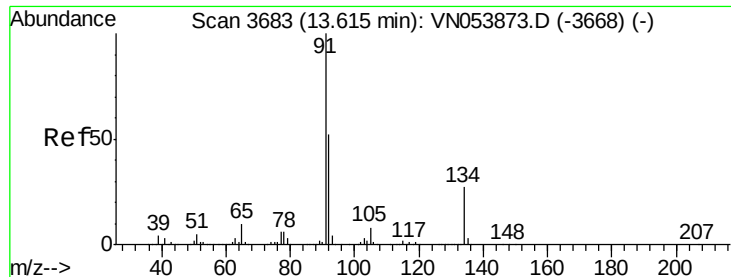
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.246 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

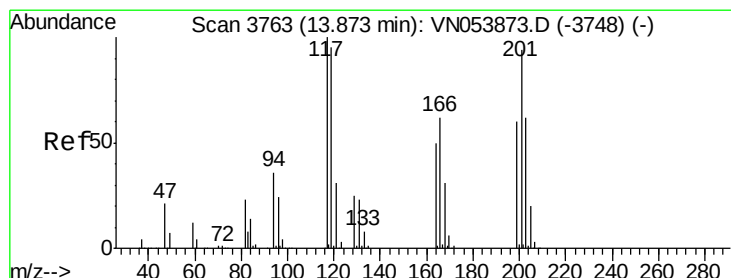
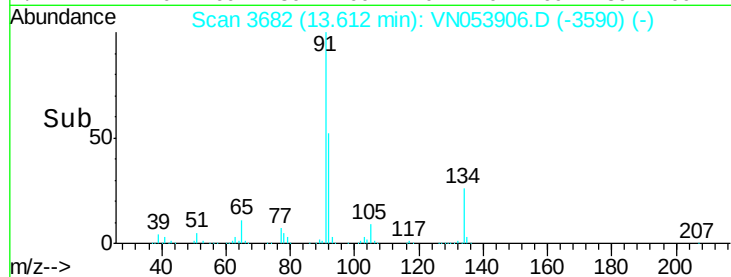
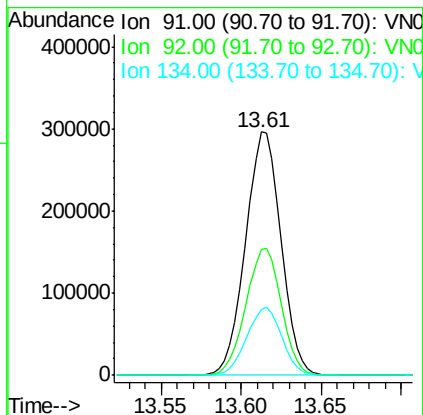
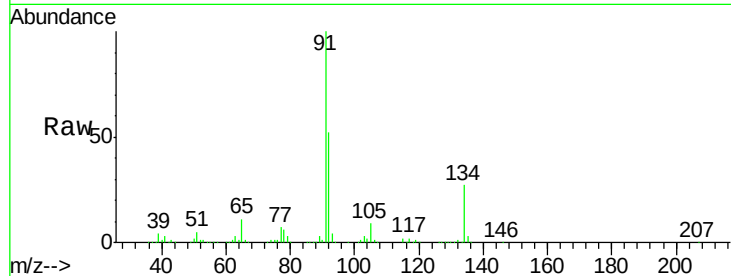
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.0	54.0
148	64.4	32.1	96.5





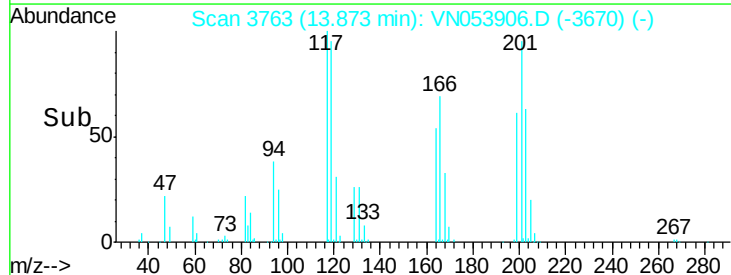
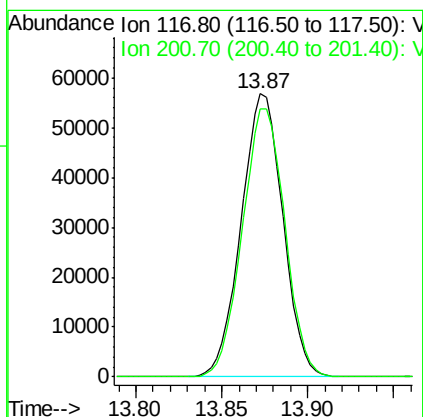
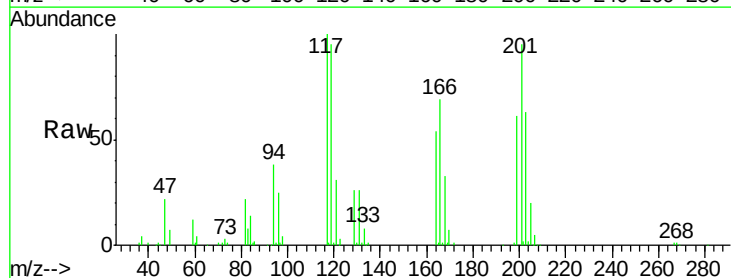
#89
n-Butylbenzene
Concen: 21.276 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

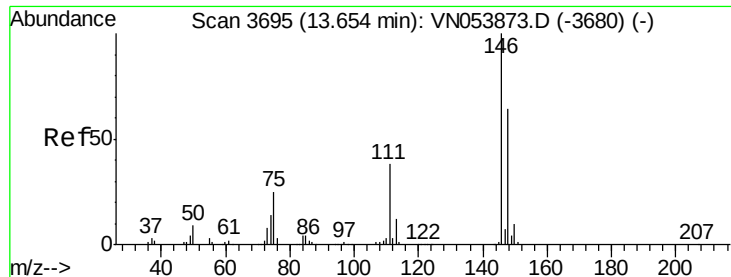
Tot Ion	91	Resp	448938
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.1	78.2
134	27.8	13.6	40.8



#90
Hexachloroethane
Concen: 19.474 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN053906.D
Acq: 22 Feb 2019 10:52

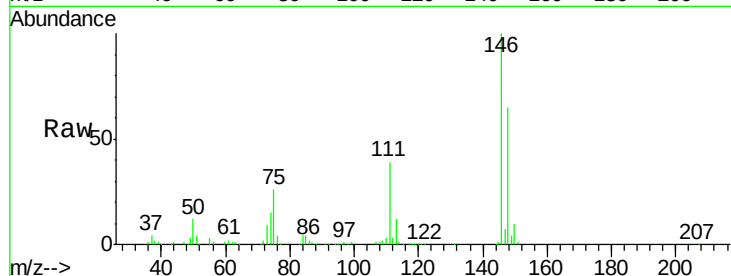
Tgt Ion	117	Resp	95462
Ion Ratio	Lower	Upper	
117	100		
201	96.6	48.0	144.2



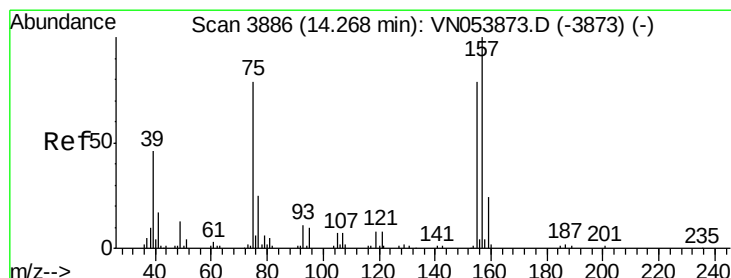
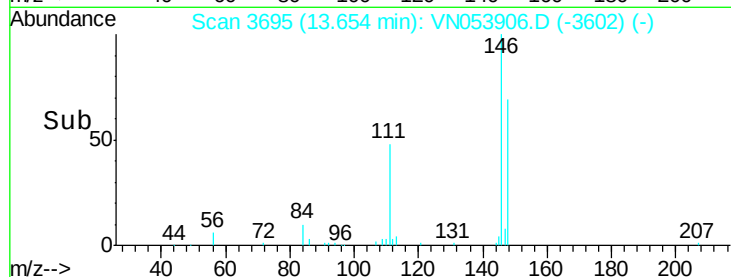
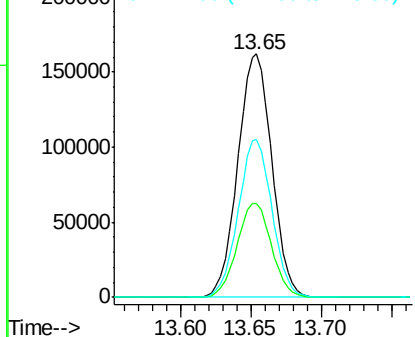


#91
 1,2-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.3	32.1	96.5

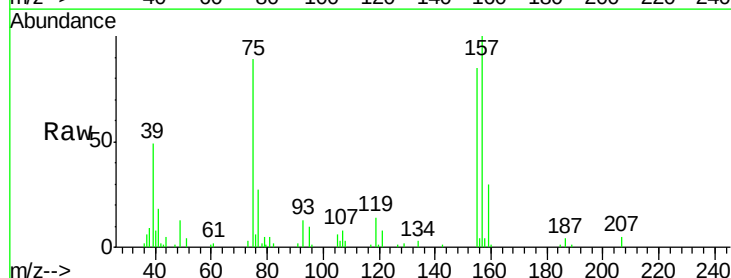


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

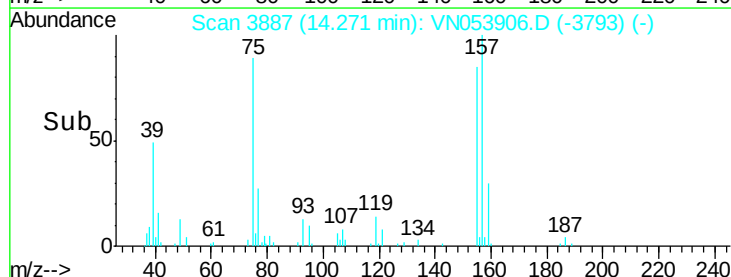
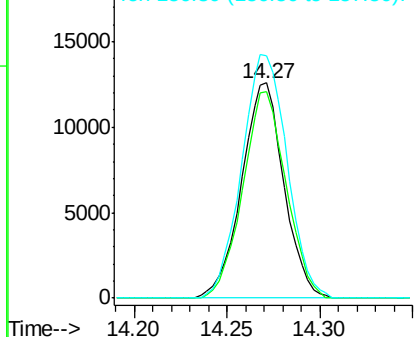


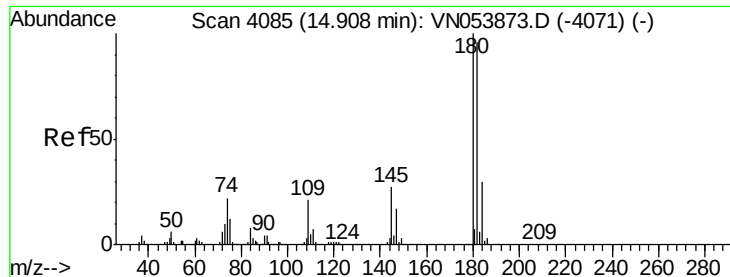
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.667 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	49.5	148.5
157	121.7	64.8	194.6



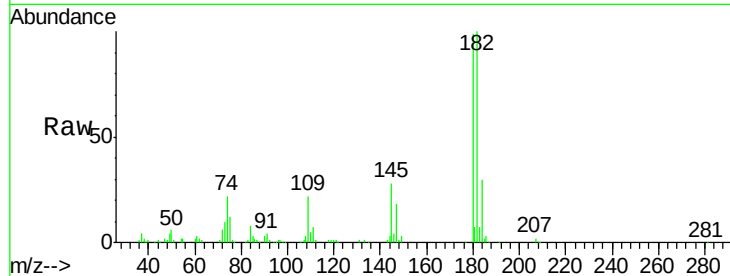
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



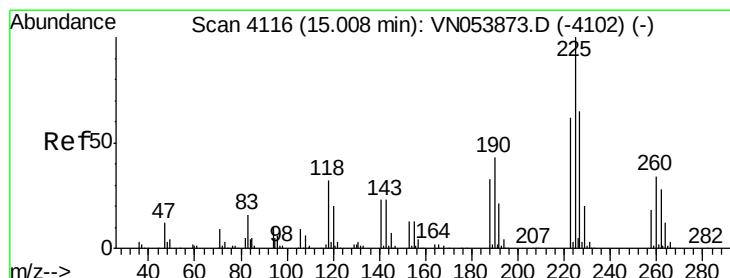
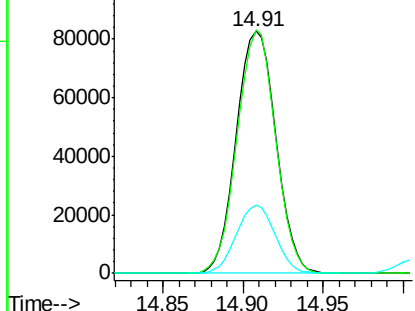
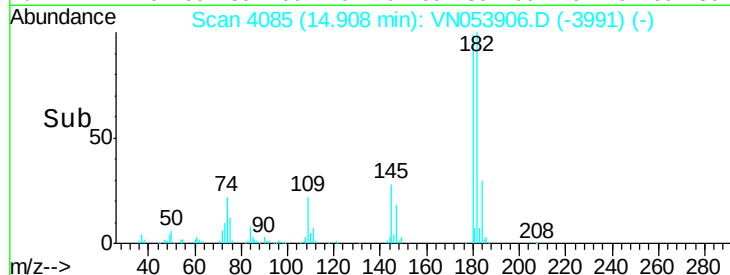


#93
 1,2,4-Trichlorobenzene
 Concen: 18.953 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.6	145.9
145	27.6	13.8	41.3

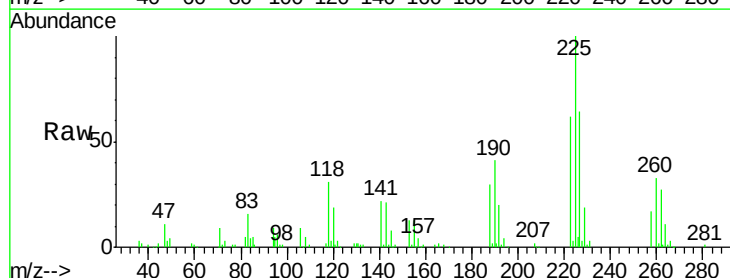


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

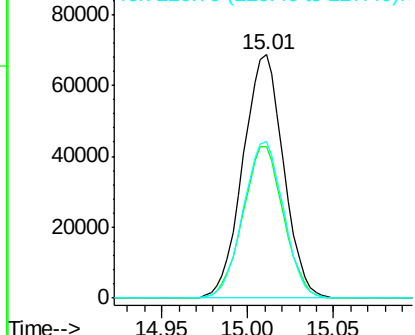
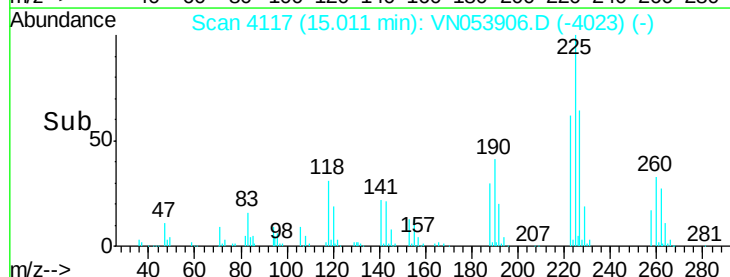


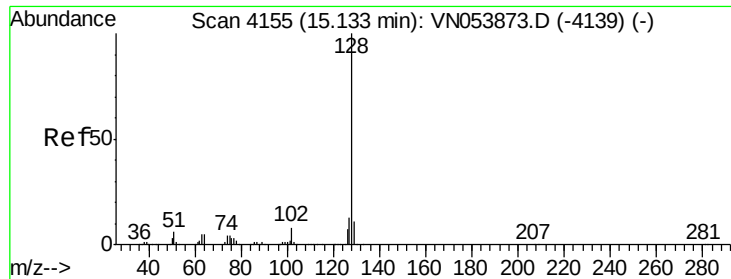
#94
 Hexachlorobutadiene
 Concen: 19.880 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053906.D
 Acq: 22 Feb 2019 10:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.5
227	63.9	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.162 ug/l

RT: 15.13 min Scan# 4155

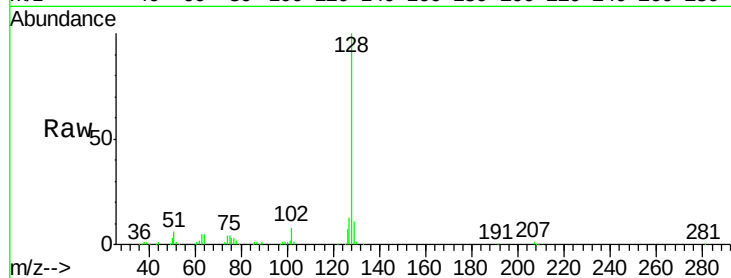
Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tot Ion:128 Resp: 247676

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8

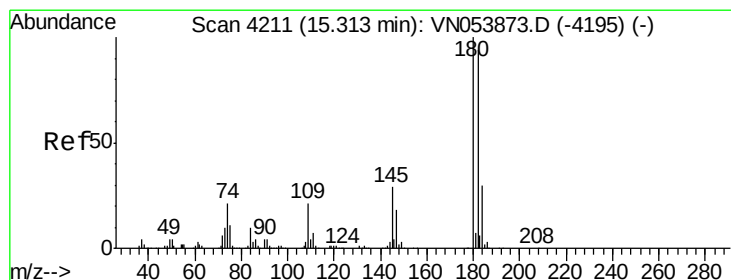
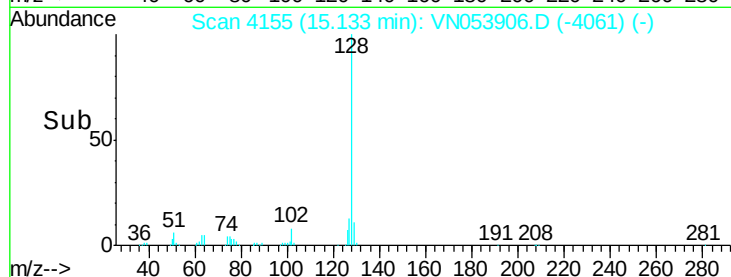
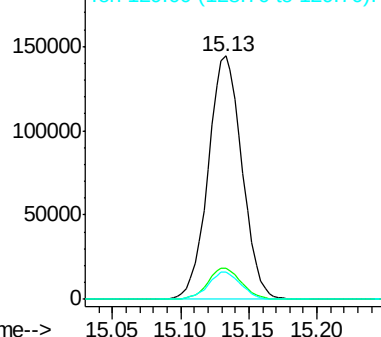


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.131 ug/l

RT: 15.31 min Scan# 4211

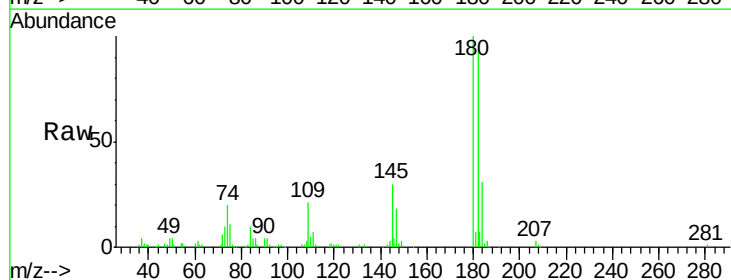
Delta R.T. 0.00 min

Lab File: VN053906.D

Acq: 22 Feb 2019 10:52

Tgt Ion:180 Resp: 135801

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	29.7	14.4	43.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

